Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2016
Docket Number 2015-XXX-E
Exhibit Summary for Rider EE Exhibits and Factors

Exhibit A

Residential Billing Factor

1 Costs to be Recovered for Vintage 1 True-up	V1 Exhibit 1, Line 16	$ (1,834,724)		
2 Costs to be Recovered for Vintage 2 True-up	V2 Exhibit 1, Line 16	3,651,413		
3 Costs to be Recovered for Vintage 3 True-up	V3 Exhibit 1, Line 16	(1,230,816)		
4 Costs to be Recovered for Vintage 4 True up and Year 4 Lost Revenues(part of SAW final true up)	V4 Exhibit 1, Line 16	1,712,770		
5 Costs to be Recovered for Year 2014 True Up	Year 2014 Exhibit 1, Line 20	3,922,334		
6 Total Cost to be Recovered Vintages 1 ,2, 3, 4, and Year 2014 True-ups	Line 1 + Line 2 + Line 3 + Line 4 + Line 5	$ 6,220,976		
7 Projected SC Residential Sales (kWh) for rate period	R7 Exhibit 3, Page 1 Line 3	6,673,120,576		
8 Revenue Requirement Vintages 1, 2 ,3, 4, and Year 2014 True-up Component for Residential Rider EE (cents per kWh)	Line 6 / Line 7 * 100	**0.0932**	Application	
9 Costs to be Recovered for Vintage Year 2014 Prospective Amounts	Year 2014 Exhibit 1 Line 20	$ 2,557,747		
10 Costs to be Recovered for Vintage Year 2015 Prospective Amounts	Year 2015 Exhibit 1, Line 6	5,236,843		
11 Costs to be Recovered for Vintage Year 2016 Prospective Amounts	Year 2016 Exhibit 1, pg 1 Line 14	19,037,632		
12 Total Prospective Components of Residential Revenue Requirement	Line 9 + Line 10 + Line 11	$ 26,832,221		
13 Projected SC Residential Sales (kWh) for rate period	R7 Exhibit 3, Page 1 Line 3	6,673,120,576		
14 Revenue Requirement Year 2014 - 2016 Prospective Component for Residential Rider EE (cents per kWh)	Line 12 / Line 13 * 100	**0.4021**	Application	
15 Total Revenue Requirement for Residential Rider EE	Line 6 + Line 12	$ 33,053,198		
16 *Total Revenue Requirement for* ***Residential Rider EE (cents per kWh)***	Line 8 + Line 14	**0.4953**	Application	

Non-Residential Billing Factors for Rider 7 True-Up Components

17 Costs to be Recovered for Vintage 1 True-up - Vintage 1 EE Participant	V1 Exhibit 1, Line 32	$ (141,883)		
18 Projected Vintage 1 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,855,098,172		
19 *EE Revenue Requirement Vintage 1 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 17/line 18 * 100	**(0.0018)**	Application	
20 Costs to be Recovered for Vintage 1 True-up - Vintage 1 DSM Participant	V1 Exhibit 1, Line 32	$ (78,968)		
21 Projected Vintage 1 DSM Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,880,894,561		
22 *EE Revenue Requirement Vintage 1 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 20/line 21 * 100	**(0.0010)**	Application	
23 Costs to be Recovered for Vintage 2 True-up - Vintage 2 EE Participant	V2 Exhibit 1, Line 32	$ 2,315,523		
24 Projected Vintage 2 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	8,322,409,065		
25 *EE Revenue Requirement Vintage 2 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 23/line 24 * 100	**0.0278**	Application	
26 Costs to be Recovered for Vintage 2 True-up - Vintage 2 DSM Participant	V2 Exhibit 1, Line 32	$ 334,036		
27 Projected Vintage 2 DSM Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,881,108,281		
28 *DSM Revenue Requirement Vintage 2 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 26/line 27 * 100	**0.0042**	Application	
29 Costs to be Recovered for Vintage 3 True-up - Vintage 3 EE Participant	V3 Exhibit 1, Line 32	$ 720,252		
30 Projected Vintage 3 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,689,155,662		
31 *EE Revenue Requirement Vintage 3 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 29/Line 30 * 100	**0.0094**	Application	
32 Costs to be Recovered for Vintage 3 True-up - Vintage 3 DSM Participant	V3 Exhibit 1, Line 32	$ (454,219)		
33 Projected Vintage 2 DSM Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,972,327,462		
34 *DSM Revenue Requirement Vintage 3 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 32/line 33 * 100	**(0.0057)**	Application	
35 Costs to be Recovered for Vintage 4 True-up and Year 4 Lost Revenue- Vintage 4 EE Participant	V4 Exhibit 1, Line 32	1,735,136		
36 Projected Vintage 4 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,646,850,372		
37 *EE Revenue Requirement Vintage 4 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 35/Line 36 * 100	**0.0227**		
38 Costs to be Recovered for Vintage 4 True-up - Vintage 4 DSM Participant	V4 Exhibit 1, Line 32	$ (91,692)		
39 Projected Vintage 4 DSM Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Line 25	7,959,608,462		
40 *DSM Revenue Requirement Vintage 4 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 38/Line 39 * 100	**(0.0012)**	Application	
41 Total Vintage Year 2014 True-Up EE Revenue Requirement - Vintage Year 2014 EE Participant	Year 2014 Exhibit 1 Line 35	$ 4,474,288		
42 Projected Vintage Year 2014 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,197,991,699		
43 *EE Revenue Requirement Vintage Year 2014 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 41/Line 42 * 100	**0.0722**	Application	
44 Total Vintage Year 2014 DSM True Up Revenue Requirement - Vintage Year 2014 DSM Participant	Year 2014 Exhibit 1 Line 52	$ 613,338		
45 Projected Vintage Year 2014 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,881,814,540		
46 *EE Revenue Requirement Vintage Year 2014 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 44/Line 45 * 100	**0.0089**	Application	

Non-Residential Billing Factors for Rider 7 Prospective Components

47 Total Vintage Year 2014 Prospective EE Revenue Requirement - Vintage Year 2014 EE Participant	Year 2014 Exhibit 1 Line 35	$ 1,425,420		
48 Projected Vintage Year 2014 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,197,991,699		
49 *EE Revenue Requirement Vintage Year 2014 Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	Line 47/Line 48 * 100	**0.0230**	Application	
50 Total Vintage Year 2015 Prospective EE Revenue Requirement - Vintage Year 2015 EE Participant	Year 2015 Exhibit 1, Pg. 1, Line 14	$ 4,340,642		
51 Projected Vintage Year 2014 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,197,991,699		
52 *EE Revenue Requirement Vintage Year 2015 Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	Line 50/Line 51 * 100	**0.0700**	Application	
53 Total Vintage Year 2015 Prospective DSM Revenue Requirement - Vintage Year 2015 DSM Participant	Year 2015 Exhibit 1, Pg. 1, Line 20	$ 1,498,658		
54 Projected Vintage Year 2015 DSM Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,845,016,096		
55 *DSM Revenue Requirement Vintage Year 2015 Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	Line 53/Line 54 * 100	**0.0219**	Application	
56 Total Vintage Year 2016 Prospective EE Revenue Requirement - Vintage Year 2016 EE Participant	Year 2016 Exhibit 1, Pg. 2, Line 9	$ 17,358,653		
57 Projected Vintage Year 2016 EE Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,198,270,467		
58 *EE Revenue Requirement Vintage Year 2016 Program Costs and Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	Line 56/Line 57 * 100	**0.2801**	Application	
59 Total Vintage Year 2016 Prospective DSM Revenue Requirement - Vintage Year 2016 DSM Participant	Year 2016 Exhibit 1, Pg. 2, Line 20	$ 6,541,946		
60 Projected Vintage Year 2016 DSM Participants SC Non-Residential Sales (kwh) for rate period	R7 Exhibit 3, Page 2 Line 21	6,845,016,096		
61 *DSM Revenue Requirement Vintage Year 2016 Program Costs and Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	Line 59/Line 60 * 100	**0.0956**	Application	

Total costs to be recovered in Rider 7 from Non-Residential Customers

17 Costs to be Recovered for Vintage 1 True-up - Vintage 1 EE Participant	V1 Exhibit 1, Line 32	$ (141,883)		
20 Costs to be Recovered for Vintage 1 True-up - Vintage 1 DSM Participant	V1 Exhibit 1, Line 32	(78,968)		
23 Costs to be Recovered for Vintage 2 True-up - Vintage 2 EE Participant	V2 Exhibit 1, Line 32	2,315,523		
26 Costs to be Recovered for Vintage 2 True-up - Vintage 2 DSM Participant	V2 Exhibit 1, Line 32	334,036		
29 Costs to be Recovered for Vintage 3 True-up - Vintage 3 EE Participant	V3 Exhibit 1, Line 32	720,252		
32 Costs to be Recovered for Vintage 3 True-up - Vintage 3 DSM Participant	V3 Exhibit 1, Line 32	(454,219)		
35 Costs to be Recovered for Vintage 4 True-up - Vintage 4 EE Participant	V4 Exhibit 1, Line 32	1,735,136		
38 Costs to be Recovered for Vintage 4 True-up - Vintage 4 DSM Participant	V4 Exhibit 1, Line 32	(91,692)		
41 Costs to be Recovered for Vintage 2014 True-up - EE Participant	Year 2014 Exhibit 1 Line 35	4,474,288		
44 Costs to be Recovered for Vintage 2014 True-up DSM Participant	Year 2014 Exhibit 1 Line 52	613,338		
47 Total Vintage Year 2014 Prospective EE Revenue Requirement - Vintage Year 2014 EE Participant	Year 2014 Exhibit 1 Line 35	1,425,420		
50 Total Vintage Year 2015 Prospective EE Revenue Requirement - Vintage Year 2015 EE Participant	Year 2015 Exhibit 1, Pg. 1, Line 14	4,340,642		
53 Total Vintage Year 2015 Prospective DSM Revenue Requirement - Vintage Year 2015 DSM Participant	Year 2015 Exhibit 1, Pg. 1, Line 20	1,498,658		
56 Total Vintage Year 2016 Prospective EE Revenue Requirement - Vintage Year 2016 EE Participant	Year 2016 Exhibit 1, Pg. 2, Line 9	17,358,653		
59 Total Vintage Year 2016 Prospective DSM Revenue Requirement - Vintage Year 2016 EE Participant	Year 2016 Exhibit 1, Pg. 2, Line 20	6,541,946		
62 Total Non-Residential Revenue Requirements		$ **40,591,129**	Application	$ 73,644,327

Duke Energy Carolinas, LLC

Electricity No. 4
South Carolina Seventh (Proposed)Revised Leaf No. 62
Superseding South Carolina Sixth Revised Leaf No. 62

RIDER EE (SC)
ENERGY EFFICIENCY RIDER

APPLICABILITY (South Carolina Only)
Service supplied under the Company's rate schedules is subject to approved adjustments for new energy efficiency and demand- side management programs approved by the Public Service Commission of South Carolina (PSCSC). The Rider Adjustments are not included in the Rate Schedules of the Company and therefore, must be applied to the bill as calculated under the applicable rate. Cost recovery under Rider EE consists of two four-year term programs, years 2009 – 2013 and years 2014 – 2017 as outlined separately below. This rider applies to service supplied under all rate schedules for program years 2009 – 2013 but does not apply to Rate Schedules, OL, FL, PL, GL and NL for program years 2014 – 2017.

The Rider will recover the cost of Duke Energy Carolinas' Interruptible Service and Stand-By Generator programs ("Existing DSM Programs") based on the cost of bill credits and amounts paid to customers participating on these programs ("Program Costs"). Revenue requirements will be determined on a system basis and allocated to SC retail customer classes based on the class contribution to system peak demand.

I. PROGRAM YEARS 2009-2013 (Vintages 1-4)

GENERAL PROVISIONS
This Rider will recover the cost of Duke Energy Carolinas' Save-a-Watt ("SAW") energy efficiency and demand-side management programs, using the method approved by the PSCSC, for programs implemented over a 4 year period (*i.e.*, comprising four 12-month program years or "Vintage Years"). In each year this Rider will include components to recover revenue requirements related to demand-side management and energy efficiency programs implemented in that vintage, as well as lost revenues resulting from the energy efficiency programs. Lost revenues associated with each vintage will be recovered for 36 months upon implementation. As a result the Rider will continue beyond the 4 year period to fully recover lost revenues for programs in years 3 and 4.

Revenue requirements for SAW demand-side management programs will be determined on a system basis and allocated to South Carolina retail customers based on the class contribution to system retail peak demand. Revenue requirements for SAW energy efficiency programs will be determined on a system basis and allocated to all South Carolina retail customer classes based on SC retail contribution to system retail sales. Residential customers will pay for the allocated cost of residential programs; non-residential customers will pay for the allocated cost of non-residential programs.

Revenue requirements will be determined on a system basis and allocated to South Carolina retail customers based on the South Carolina retail contribution to system retail peak demand for demand side management programs and South Carolina retail contribution to system retail kWh sales for energy efficiency programs. Residential customer classes will pay for residential programs and non-residential customer classes will pay for non-residential programs through methods found appropriate by the Commission for demand-side management and energy efficiency programs, respectively. All allocation factors will be based on the Company's most recently completed cost of service study utilizing the allocation method approved by PSCSC in the Company's most recent general rate proceeding and will exclude the amounts related to customers that elect to opt out of this Rider.

TRUE-UP PROVISIONS
Rider amounts for SAW programs will initially be determined based on estimated kW and kWh impacts related to expected customer participation in the programs, and will be trued-up as actual customer participation and actual kW and kWh impacts are verified.

Participation true-ups: After the first year, the Rider will include a true-up of previous Rider amounts billed to reflect actual customer participation in the programs.

Measurement and verification true-up: EM&V activities and results will be included in a mid-term EM&V-based true-up process that will be reflected in Vintage Year 3 Rider EE collections. A final EM&V true-up reflected in Vintage Year 7 Rider EE collections will incorporate all EM&V studies completed since the mid-term EM&V true-up. EM&V results will include measure-level savings adjustments and net-to-gross analysis. In addition, the mid-term and final true-ups will incorporate the most recent EM&V results in the avoided cost true-up, the lost revenue true-up, and the earnings cap true-up.

RIDER EE (SC)
ENERGY EFFICIENCY RIDER

Earnings cap true-up: In the seventh year a true up will be billed, if applicable, to refund amounts collected through the Rider in excess of the earnings cap, in accordance with the following levels of achievement and allowed return on investment.

Percentage Actual Target Achievement	Return on Investment Cap on Program Costs Percentage
>=90%	15%
80% to 89%	12%
60% to 79%	9%
< 60%	5%

DETERMINATION OF ENERGY EFFICIENCY RIDER ADJUSTMENT

Energy Efficiency Adjustments (EEA) will be applied to the energy (kilowatt hours) billed of all rate schedules for each vintage as determined by the following formula:

EEA Residential (expressed as cents per kWh) = SAW Residential Adjustment + Existing DSM Residential Adjustment

SAW Residential Adjustment = Residential Avoided Cost Revenue Requirement + Residential Lost Revenues / Forecasted Residential kWh Sales for the Rider billing period

Where

Residential Avoided Cost Revenue Requirement = (Residential Demand Side Management Program Avoided Cost Revenue Requirement X 75%) + (Residential Energy Efficiency Program Avoided Cost Revenue Requirement X 55%)

And

Existing DSM Residential Adjustment = Non-SAW Residential Program Costs / Forecasted Residential kWh Sales for the Rider billing period

EEA Non-residential (expressed as cents per kWh) = SAW Non-residential Adjustment + Existing DSM Non-residential Adjustment

SAW Non-residential Adjustment = Non-residential Avoided Cost Revenue Requirement + Non-residential Lost Revenues / Forecasted Non-residential kWh Sales (excluding opt out sales) for the Rider billing period

Where

Non-residential Avoided Cost Revenue Requirement = (Non-residential Demand Side Management Program Avoided Cost Revenue Requirement X 75%) + (Non-residential Energy Efficiency Program Avoided Cost Revenue Requirement X 55%)

And

Existing DSM Non-residential Adjustment = Non-SAW Non-residential Program Costs / Forecasted Non-residential kWh Sales (excluding opt out sales) for the Rider billing period

II. PROGRAM YEARS 2014-2017 (Vintages 2014-2017)

GENERAL PROVISIONS

This Rider will recover the cost of new energy efficiency and demand-side management programs, using the method approved by the PSCSC, for programs implemented over a four-year period (*i.e.*, comprising four 12-month program years or "Vintage Years").

TRUE-UP PROVISIONS

Rider amounts will initially be determined based on estimated kW and kWh impacts related to expected customer participation in the programs, and will be trued-up on an annual basis as actual customer participation and actual kW and kWh impacts are verified. The true-up will reflect actual participation and EM&V results for the most recently completed vintage. If a customer participates in any vintage of programs, the customer is subject to the true-ups for any vintage of programs in which the customer participated.

Duke Energy Carolinas, LLC

Electricity No. 4
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RIDER EE (SC)
ENERGY EFFICIENCY RIDER

RIDER EE OPT OUT PROVISION FOR QUALIFYING NON-RESIDENTIAL CUSTOMERS

The Rider EE increment applicable to energy efficiency programs and/or demand-side management programs will not be applied to the energy charge of the applicable rate schedule for Customers qualified to opt out of the programs where:

a. The Customer has notified the Company in writing that it elects to opt out and that the opt-out customer has implemented its own energy management system or has performed or had performed for it an energy audit or analysis within the three year period preceding the opt out request and has implemented or has plans for implementing the cost-effective energy efficiency measures recommended in that audit or analysis; and
b. Electric service to the Customer must be provided under:
    1. An electric service agreement where the establishment is classified as a "manufacturing industry" by the Standard Industrial Classification Manual published by the United States Government and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes; or
    2. An electric service agreement for general service as provided for under the Company's rate schedules where the Customer's annual energy use is 1,000,000 kilowatt hours or greater in the billing months of the prior calendar year. Additionally, all other agreements billed to the same entity with lesser annual usage located on the same or contiguous properties are also eligible to opt out.

For Customers who elect to opt out of Energy Efficiency Programs, the following provisions also apply:

- Qualifying customers may opt out of the Company's energy efficiency programs each calendar year only during the designated annual two month enrollment period. For the Rider EE 2016 Program Year, the enrollment period begins November 1, 2015 and ends December 31, 2015.

- Customers may not opt out of individual energy efficiency programs offered by the Company. The choice to opt out applies to the Company's entire portfolio of energy efficiency programs.
- If a customer participates in any vintage of energy efficiency programs, the customer, irrespective of future opt-out decisions, remains obligated to pay the remaining portion of the lost revenues for each vintage of efficiency programs in which the customer participated.
- Customers who elect to opt out during the two-month annual enrollment period immediately prior to the new Rider EE becoming effective may elect to opt in to the Company's energy efficiency program during the first 5 business days of March each calendar year. Customers making this election will be back-billed to the effective date of the new Rider EE.

For Customers who elect to opt out of Demand Side Management Programs, the following provisions also apply:

- Qualifying customers may opt out of the Company's demand-side management program during the enrollment period between November 1, and December 31 immediately prior to a new Rider EE becoming effective on January 1 of the applicable year. (Qualifying new customers have sixty days after beginning service to opt out).
- If a customer elects to participate in a demand-side management program, the customer may not subsequently choose to opt out of demand side management programs for three years.
- Customers who elect to opt out during the two-month annual enrollment period immediately prior to the new Rider EE becoming effective may elect to opt in to the Company's demand-side management program during the first 5 business days of March each calendar year. Customers making this election will be back-billed to the effective date of the new Rider EE.

Any qualifying non-residential customer that has not participated in an energy efficiency or demand-side management program may opt out during any enrollment period, and have no further responsibility to pay Rider EE amounts associated with the Customer's opt out election for energy efficiency and/or demand-side management programs.

Duke Energy Carolinas, LLC

Electricity No. 4
South Carolina Seventh (Proposed)Revised Leaf No. 62
Superseding South Carolina Sixth Revised Leaf No. 62

RIDER EE (SC)
ENERGY EFFICIENCY RIDER

ENERGY EFFICIENCY RIDER ADJUSTMENTS (EEA) FOR ALL PROGRAM YEARS

The Rider EE amounts applicable to the residential and nonresidential rate schedules for the period January 1, 2016 through December 31, 2016 including revenue-related taxes and utility assessments are as follows:

Residential	Vintage 1, 2, 3,4	0.0932¢ per kWh
	Vintage 2014,2015 and 2016	0.4021¢ per kWh
	Total Residential	**0.4953¢ per kWh**

Nonresidential

	Energy Efficiency	Demand Side Management
Vintage 1	(0.0018)¢ per kWh	(0.0010)¢ per kWh
Vintage 2	0.0278¢ per kWh	0.0042¢ per kWh
Vintage 3	0.0094¢ per kWh	(0.0057)¢ per kWh
Vintage 4	0.0227¢ per kWh	(0.0012)¢ per kWh
2014 Vintage*	0.0952¢ per kWh	0.0089¢ per kWh
2015 Vintage*	0.0700¢ per kWh	0.0219¢ per kWh
2016 Vintage*	0.2801¢ per kWh	0.0956¢ per kWh
Total Vintage 1, 2, 3,4, 2014, 2015 and 2016	0.5034¢ per kWh	0.1227¢ per kWh
Total Nonresidential	**0.6261¢ per kWh**	

*Not Applicable to Rate Schedules OL, FL, PL, GL, and NL

Each factor listed under Nonresidential is applicable to nonresidential customers who are not eligible to opt out and to eligible customers who have not opted out. If a nonresidential customer has opted out of a Vintage(s), then the applicable energy efficiency and/or demand-side management charge(s) shown above for the Vintage(s) during which the customer has opted out, will not apply to the bill.

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2010
Docket Number 2015-XXX-E
Calculation of True-up for Vintage 1

RESIDENTIAL

Adjustment to Revenue Requirement:

		Revised Vintage 1 Revenue Requirement	Adjustments to Vintage 1
1 EE Avoided Cost Component	Vintage 1 Exhibit 2, Line 8	$ 12,991,691	unchanged
2 DSM Avoided Cost Component	Vintage 1 Exhibit 2, Line 9	2,696,516	(3,663)
3 Earnings Cap Adjustment	R7 Exhibit 5 Line 35	(3,441,290) [1]	
4 Total Capped Residential Avoided Cost Component	Line 1 + Line 2 + Line 3	12,246,918	unchanged
5 Gross Receipts Tax and Regulatory Fee		1.004536	unchanged
6 Total EE/DSM Residential Avoided Cost Component	Line 4 * Line 5	12,302,470	unchanged
7 Total Lost Revenues Vintage 1	R7 Exhibit 1 Page 1 of 2, Line 6	6,832,412	unchanged
8 Residential Save-A-Watt Revenue Requirement	Line 6 + Line 7	19,134,881	-
9 Billing Factor		100%	100%
10 Residential Save-A-Watt Revenue Requirement	Line 8 * Line 9	19,134,881	-
11 Residential Existing DSM Program Revenue Requirement	Prior Rider -Vintage 1, Exhibit 1	918,526	unchanged
12 Total Residential SAW & Existing DSM Program Revenue Requirement	Line 10 + Line 11	20,053,407	-

Adjustment to Revenue Collected:

13 Total Collected for Vintage 1 through Rider 6 estimate	R7 Exhibit 2, Line 1	$ 21,507,686	
14 (Over)/Under Collection of Revenue through estimated Rider 6 before interest	Line 13 - Line 14		$ (1,454,279)
15 Interest Amount due	R7 Exhibit 4, Page 1 of 8, Line 12		(380,445)
16 Residential True-up Amount with Interest	Line 15 + Line 16		$ (1,834,724)

See Exhibit A for rate

NON-RESIDENTIAL

Adjustment to Revenue Requirement:

		EE Participant		DSM
		Revised Vintage 1 Revenue Requirement	Adjustments to Vintage 1 -EE Participants	Vintage 1, Year 1 SC Revenue Requirement True-up
17 SAW EE Avoided Cost Component	Vintage 1 Exhibit 2, Line 17	$ 4,939,831	unchanged	
18 DSM Avoided Cost Component	Vintage 1 Exhibit 2, Line 18			3,588,631
19 Earnings Cap Adjustment	R7 Exhibit 5 Line 36; Line 37	(1,005,137) [1]		(753,861)
20 Total Capped Non-Residential Revenue Requirement	Line 17 + Line 18 + Line 19	3,934,694		2,834,770
21 Gross Receipts Tax and Regulatory Fee		1.004536		1.004536
22 Total Non-Residential Avoided Cost Component	Line 20 * Line 21	3,952,541	unchanged	2,847,629
23 Total Lost Revenues Vintage 1	R7 Exhibit 1, Line 13	1,790,363 [2]	unchanged	-
24 Non-Residential EE Revenue Requirement	Line 22 + Line 23	5,742,904	-	2,847,629
25 Billing Factor		100%	100%	100%
26 Total Non-Residential EE Revenue Requirement	Line 24 * Line 25	5,742,904	-	2,847,629
27 Existing DSM Program Revenue Requirement				1,222,411
28 Non-Residential Revenue Requirement Capped	Line 26 + Line 27	5,742,904		4,070,040
29 Total Collected for Vintage 1 (Rider 1 through Rider 6 estimate)	R7 Exhibit 2, Line 5; Line 9	$ 5,852,389		4,130,195
30 (Over)/Under Collection of Revenue through estimated Rider 6 before interest	Line 28 - Line 29		$ (109,485)	(60,155)
31 Interest Amount due	R7 Exhibit 4, Page 4 of 8, Line 12; Line 25		(32,398)	(18,813)
32 Non-Residential True-up Amount Vintage 1 with Interest	Line 30 + Line 31		$ (141,883)	$ (78,968)
33 Projected SC Non-Residential Sales (kWh) for billing period	R7 Exhibit 3, Line 25		7,855,098,172	7,880,894,561
34 **Non-Residential Rider EE (cents per kWh)**	Line 32/Line 33 * 100		(0.0018)	(0.0010)

[1] The earnings cap has been updated to reflect actual 2014 and estimated 2015 revenue collections. See R7 Exhibit 5.

[2] Includes 1 month of Year 3 (January 2012)

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2010
Docket Number 2015-XXX-E
True-up of Load Impacts and Avoided Cost Revenue Requirements by Program - Vintage 1

			A	B		C	D	C-D
						SC Residential Avoided Costs		
Residential Programs	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	SC kWh Sales Allocation Factor		A * B	SC Residential Avoided Costs as filed in Rider 4	Adjustment
EE Programs (at 55% Avoided Cost)								
1 Appliance Recycling	-	-	$ -	27.21216%		$ -	$ -	$ -
2 Residential Energy Assessments	998	6,343,640	1,015,146	27.21216%		276,243	276,243	0
3 Smart Saver® for Residential Customers	41,218	379,842,364	45,654,312	27.21216%		12,423,524	12,423,524	0
4 Low Income Energy Efficiency and Weatherization Assistance	576	5,452,187	618,533	27.21216%		168,316	168,316	0
5 Energy Efficiency Education Program for Schools	409	2,203,834	430,135	27.21216%		117,049	117,049	0
6 Residential Retrofit Pilot	-	-	-	27.21216%		-		-
7 Home Energy Comparison Report	159	854,645	24,102	27.21216%		6,559	6,559	(0)
8 Total for Residential Conservation Programs	43,360	394,696,670	$ 47,742,228			$ 12,991,691	$ 12,991,691	0
				SC Residential Peak Demand Allocation Factor		A * B		
9 **Total DSM Programs (at 75% Avoided Costs)**	446,378		$ 25,016,619	10.77890%	(1)	$ 2,696,516	$ 2,700,179	$ (3,663)
						SC Non-Residential Avoided Costs		
Non-Residential Programs	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	NC kWh Sales Allocation Factor		A * B		
EE Programs (at 55% Avoided Cost)								
10 Smart Saver® for Non-Residential Customers Lighting	11,254	56,458,039	$ 11,653,765	27.21216%		$ 3,171,241	$ 3,171,241	$ -
11 Smart Saver® for Non-Residential Customers Motors	482	2,520,075	755,712	27.21216%		205,646	205,646	-
12 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	380	48	27.21216%		13	13	-
13 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	144	738,935	186,240	27.21216%		50,680	50,680	-
14 Smart Saver® for Non-Residential Customers - HVAC	1,520	3,761,761	1,779,008	27.21216%		484,106	517,328	(33,222)
15 Smart Saver® for Non-Residential Customers - Custom Rebate	2,716	21,205,371	3,778,256	27.21216%		1,028,145	994,923	33,222
16 Smart Energy Now	-	-	-	27.21216%		-		
17 Total for Non-Residential Conservation Programs	16,116	84,684,561	$ 18,153,029			$ 4,939,831	$ 4,939,831	
				SC Non-Residential Peak Demand Allocation Factor		A * B		
18 **Total DSM Programs (at 75% Avoided Cost)**	446,378	0	$ 25,016,619	14.34499%	(1)	$ 3,588,631	$ 3,593,506	$ (4,875)
				SC Retail Peak Demand Allocation Factor		A * B		
Total DSM Program Breakdown								
19 Power Manager (Residential)	228,421	-	$ 13,362,642					
20 Power Share (Non-Residential)	217,957	-	11,653,977					
21 Total DSM	446,378	-	$ 25,016,619	25.12389%		$ 6,285,148		$ 6,285,148

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Note: Exhibits may not foot due to rounding

Duke Energy Carolinas
For the Period January 1, 2011 - December 31, 2011
Docket Number 2015-XXX-E
Calculation of True-Up for Vintage 2

RESIDENTIAL

Adjustment to Revenue Requirement:

			As Filed Total Vintage 2 Rider 6	Rider 7 true ups	Total Vintage 2	
1	EE Avoided Cost Component	V2 Exhibit 2, Line 8	$ 12,786,907	unchanged	$ 12,786,907	
2	DSM Avoided Cost Component	V2 Exhibit 2, Line 9	3,350,520	(3,241)	3,347,279	
3	Less: Earnings Cap Adjustment	R7 Exhibit 5, Line 35	(4,481,843)	1,946,238	(2,535,605)	1
4	Residential Avoided Cost Component	Line 1 + Line 2 + Line 3	11,655,584		13,598,581	
5	Gross Receipts Tax and Regulatory Fee		1.004536		1.004536	
6	Total EE/DSM Residential Avoided Cost Component	Line 4 * Line 5	11,708,454	-	13,660,264	
7	Total Lost Revenues Vintage 2	R7 Exhibit 1, pg 1 Line 20	9,479,138	212,761	9,691,899	2
8	Residential Save-A-Watt Revenue Requirement	Line 6 + Line 7	21,187,592		23,352,163	
9	Billing Factor					
10	Residential Save-A-Watt Revenue Requirement for billing	Line 8 * Line 9	21,187,592		23,352,163	
11	Residential Existing DSM Program Revenue Requirement	Prior Rider - Vintage 2	780,826	unchanged	780,826	
12	Total Residential SAW & Existing DSM Program Revenue Requirement	Line 10 + Line 11	21,968,418		24,132,989	
13	Total Collected for Vintage 2 through Rider 6 estimate	R7 Exhibit 2, Line 2			$ 21,150,402	
14	(Over)/Under Collection of Revenue through estimated Rider 6 before interest	Line 12 - Line 13			2,982,587	
15	Interest Amount due	R7 Exhibit 4, Page 1 of 8, Line 25			668,825	
16	Residential True-up Amount with Interest	Line 14 + Line 15			$ 3,651,413	

NON-RESIDENTIAL

Adjustment to Revenue Requirement:

EE Programs

			Revised Vintage 2 Revenue Requirement	Adjustment to Vintage 2	DSM Vintage 2, Year 1 SC Revenue Requirement True-up
17	SAW EE Avoided Cost Component	Vintage 2 Exhibit 2 Line 17	$ 8,838,106	unchanged	
18	SAW DSM Avoided Cost Component	Vintage 2 Exhibit 2 Line 18		unchanged	5,125,381
19	Less: Earnings Cap Adjustment	Rider 7 Exhibit 5, Line 36	(992,605)		(1,022,107)
20	Capped Non-Residential Avoided Cost Revenue Requirement	Line 17 + Line 18 + Line 19	7,845,501		4,103,274
21	Gross Receipts Tax and Regulatory Fee		1.004536		1.004536
22	Total Non-Residential Avoided Cost Component	Line 20 * Line 21	7,881,089		4,121,886
23	Total Lost Revenues Vintage 2	R7 Exhibit 1 page 1 of 2 Line 28	2,609,439	unchanged	
24	Non-Residential EE Revenue Requirement	Line 22 + Line 23	10,490,527		4,121,886
25	Billing Factor		100%		
26	Non-Residential EE Revenue Requirement	Line 24 * Line 25	10,490,527		4,121,886
27	Existing DSM Program Revenue Requirement				1,195,607
28	Non-Residential Revenue Requirement Capped	Line 26 + Line 27	10,490,527		5,317,493

Adjustment to Revenue Collected:

29	Total Collected for Vintage 2 through Rider 6 estimate	R7 Exhibit 2, Line 6	8,673,146		5,022,829
30	(Over)/Under Collection of Revenue through estimated Rider 6 before interest	Line 28 - Line 29		1,817,381	294,664
31	Interest Amount due	R7 Exhibit 4, Page 5 of 8, Line 12 and 25		498,141	39,372
32	Non- Residential True-up Amount with Interest	Line 31 + Line 32		$ 2,315,523	334,036
33	Projected SC Non-Residential Sales (kWh) for billing period	R7 Exhibit 3, Line 25		8,322,409,065	7,881,108,281
34	Non-Residential Rider EE (cents per kWh)	Line 32 / Line 33* 100		0.0278	0.0042

[1] The earnings cap has been updated to reflect actual 2014 and estimated 2015 revenue collections. See R7 Exhibit 5.
[2] Updated lost revenues by year can be found in R7 Exhibit 1 page 1.

Duke Energy Carolinas
For the Period January 1, 2011 - December 31, 2011
Docket Number 2015-XXX-E
True-up of Load Impacts and Avoided Cost Revenue Requirements by Program - Vintage 2

			A	B		C	D	C-D
						SC Residential Avoided Costs		
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	SC kWh Sales Allocation Factor		A * B	SC Residential Avoided Costs as filed in Rider 6	Adjustment
Residential Programs								
EE Programs (at 55% Avoided Cost)								
1 Appliance Recycling	-	-	$ -	27.22374%		$ -	$ -	$ -
2 Residential Energy Assessments	1,306	9,227,946	1,440,886	27.22374%		392,263	392,263	0
3 Smart Saver® for Residential Customers	39,712	367,409,449	45,110,075	27.22374%		12,280,649	12,280,649	0
4 Low Income Energy Efficiency and Weatherization Assistance	52	488,949	57,147	27.22374%		15,558	15,558	(0)
5 Energy Efficiency Education Program for Schools	262	1,413,208	284,734	27.22374%		77,515	77,515	0
6 Residential Retrofit Pilot	21	126,564	41,955	27.22374%		11,422	11,422	(0)
7 Home Energy Comparison Report	66	356,218	34,897	27.22374%		9,500	9,500	0
8 Total for Residential Conservation Programs	41,419	379,022,334	$ 46,969,694			$ 12,786,907	$ 12,786,907	0
				SC Residential Peak Demand Allocation Factor		A * B		
9 **Total DSM Programs (at 75% Avoided Costs)**	548,335		$ 33,289,968	10.05492%	(1)	$ 3,347,279	$ 3,350,520	$ (3,241)
						SC Non-Residential Avoided Costs		
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	NC kWh Sales Allocation Factor		A * B		
Non-Residential Programs								
EE Programs (at 55% Avoided Cost)								
10 Smart Saver® for Non-Residential Customers Lighting	11,329	64,190,217	$ 14,143,982	27.22374%		$ 3,850,521	$ 3,850,521	$ -
11 Smart Saver® for Non-Residential Customers Motors	1,107	5,750,908	1,353,127	27.22374%		368,372	368,372	-
12 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	82	503,823	62,333	27.22374%		16,969	16,969	-
13 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	184	1,012,402	272,458	27.22374%		74,173	74,173	-
14 Smart Saver® for Non-Residential Customers - HVAC	1,869	4,987,231	2,254,464	27.22374%		613,749	613,749	-
15 Smart Saver® for Non-Residential Customers - Custom Rebate	6,585	55,974,704	11,946,459	27.22374%		3,252,273	3,252,273	-
16 Smart Energy Now	692	21,876,936	2,431,882	27.22374%		662,049	662,049	-
17 Total for Non-Residential Conservation Programs	21,848	154,296,221	$ 32,464,707			$ 8,838,107	$ 8,838,106	$ 1
				SC Non-Residential Peak Demand Allocation Factor		A * B		
18 **Total DSM Programs (at 75% Avoided Cost)**	548,335	0	$ 33,289,968	15.39617%	(1)	$ 5,125,381	$ 5,130,341	$ (4,960)
				SC Retail Peak Demand Allocation Factor		A * B		
Total DSM Program Breakdown								
19 Power Manager (Residential)	226,935	-	$ 13,790,791					
20 Power Share (Non-Residential)	321,400	-	19,499,177					
21 Total DSM	548,335	-	$ 33,289,968	25.45108%		$ 8,472,656	$ 8,480,858	$ (8,202)

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Note: Exhibits may not foot due to rounding

Duke Energy Carolinas
For the Period January 1, 2012 - December 31, 2012
Docket Number 2015-XXX-E
Calculation of True-up for Vintage 3

RESIDENTIAL

			Total Vintage 3 as filed in Rider 6	Vintage 3 Revenue Requirement True-up	Final Vintage 3 Revenue Requirement	
Adjustment to Revenue Requirement:						
1	EE Avoided Cost Component	V3 Exhibit 2, Line 8	$ 9,259,829	$ 246	$ 9,260,075	1
2	DSM Avoided Cost Component	V3 Exhibit 2, Line 9	4,369,850	-	4,367,130	
3	Less: Earnings Cap Adjustment	R7 Exhibit 5 ,Line 35	(2,702,940)	(307,991)	(3,010,931)	2
4	Total Residential Avoided Cost Component	Line 1 + Line 2 + Line 3	10,926,739		10,616,273	
5	Gross Receipts Tax and Regulatory Fee		1.004517		1.004517	
6	Total EE/DSM Residential Avoided Cost Component	Line 4 * Line 5	10,976,095		10,664,227	
7	Total Lost Revenues Vintage 3	R7 Exhibit 1, page 1 of 2 Line 36	7,876,745	218,073	8,094,819	
8	Residential Save-A-Watt Revenue Requirement	Line 6 + Line 7	18,852,840		18,759,046	
9	Billing Factor				100%	
10	Residential Save-A-Watt Revenue Requirement	Line 8 * Line 9	18,852,840		18,759,046	
11	Residential Existing DSM Program Revenue Requirement	Prior Year Exhibit 3, Line 5	806,196		806,196	
12	Total Residential SAW & Existing DSM Program Revenue Requirement	Line 10 + Line 11	19,659,036		19,565,242	
Adjustment to Revenue Collected:						
13	Total Collected for Vintage 3 through Rider 6 estimate	R7 Exhibit 2, Line 3			20,628,306	
14	(Over)/Under Collection of Revenue through estimated Rider 6 before interest	Line 13 - Line 14			(1,063,064)	
15	Interest Amount due	R7 Exhibit 4, Page 2 of 8, Line 12			(167,752)	
16	Residential True-up Amount with Interest	Line 15 + Line 16			$ (1,230,816)	

NON-RESIDENTIAL

			EE				DSM
			Total Vintage 3 as filed in Rider 6	Vintage 3 Revenue Requirement True-up	Final Vintage 3 Revenue Requirement		Vintage 3, Year 1 Revenue Requirement True-up
17	SAW EE Avoided Cost Component	V3 Exhibit 2, Line 17	$ 12,830,409	Unchanged	$ 12,830,409		
18	SAW DSM Avoided Cost Component						5,892,743
19	Less: Earnings Cap Adjustment	R7 Exhibit 5, Line 36	(2,481,175)	(121,942)	(2,603,117)	2	(1,320,387)
20	Total Capped Non-Residential Avoided Cost Component	Line 17 + Line 18 + Line 19	$ 10,349,234	$ (121,942)	$ 10,227,292		4,572,356
21	Gross Receipts Tax and Regulatory Fee				1.004517		1.004508
22	Total Non-Residential Avoided Cost Component	Line 18 * Line 20	10,349,234	(121,942)	10,273,489		4,592,968
23	Total Lost Revenues Vintage 3	R7 Exhibit 1, page 1 of 2, Line XXX	3,455,682	88,732	3,544,414	3	
24	Non-Residential EE/DSM Revenue Requirement	Line 21 + Line 22	13,804,916	(33,210)	13,817,903		4,592,968
25	Billing Factor				100%		100%
26	Total Non-Residential EE/DSM Revenue Requirement	Line 23 * Line 24	16,142,585	(33,210)	13,817,903		4,592,968
27	Existing DSM Program Revenue Requirement						1,087,832
28	Total Non-Residential Revenue Requirement Capped	Line 26 + Line 27	16,142,585	(33,210)	13,817,903		5,680,800
29	Total Collected for Vintage 3 through Rider 6 estimate	R7 Exhibit 2, Line 7 and Line 11			13,093,140		6,086,252
30	(Over)/Under Collection of Revenue through estimated Rider 5 before interest	Line 28 - Line 29			724,763		(405,452)
31	Interest Amount due	R7 Exhibit 4, Page 6 of 8, Line 12			(4,511)		(48,767)
32	Non-Residential True-up Amount with Interest	Line 30 + Line 31			720,252		(454,219)
33	Projected SC Non-Residential Sales (kWh) for billing period	R7 Exhibit 3, Line 25			7,689,155,662		7,972,327,462
34	**Non-Residential Rider EE (cents per kWh)**	Line 32 / Line 33* 100			0.00937		(0.0057)

1 Details outlining the change in the avoided cost component can be found in V3 Exh 2.
2 The cap adjustment factor was updated in R7 Exh 5 for actual 2014 collections and estimated 2015 collections.
3 Updated lost revenues by year can be found in R7 Exh 1, page 1. Year 2015 has been updated with most recent participation and lost revenue rates as this is the final SAW true up.

Duke Energy Carolinas
For the Period January 1, 2012 - December 31, 2012
Docket Number 2015-XXX-E
Load Impacts and Avoided Cost Revenue Requirements by Program - Vintage 3

Residential Programs

EE Programs (at 55% Avoided Cost)

		System kW Reduction - Summer Peak	System Energy Reduction (kWh)	A System Avoided Cost Revenue Requirement	B SC kWh Sales Allocation Factor	C SC Residential Avoided Costs A * B	D SC Residential Avoided Costs as Filed in Rider 6	Adjustment C-D
1	Appliance Recycling	143	1,038,548	$ 155,904	27.21221%	$ 42,425	42,425	$ (0)
2	Residential Energy Assessments	1,607	10,486,549	1,877,214	27.21221%	510,832	510,832	-
3	Smart Saver® for Residential Customers	24,246	224,336,833	28,317,150	27.21221%	7,705,722	7,705,476	246
4	Low Income Energy Efficiency and Weatherization Assistance	-	-	-	27.21221%	-	-	-
5	Energy Efficiency Education Program for Schools	1,748	9,422,807	1,871,377	27.21221%	509,243	509,243	-
6	Residential Retrofit Pilot	47	283,678	96,950	27.21221%	26,382	26,382	-
7	Home Energy Comparison Report	10,461	49,339,464	1,710,523	27.21221%	465,471	465,471	-
8	Total for Residential Conservation Programs	38,252	294,907,879	$ 34,029,118		$ 9,260,075	9,259,829	$ 246

					SC Residential Peak Demand Allocation Factor		A * B	SC Residential Avoided Costs as Filed in Rider 6	Adjustment C-D
9	Total DSM Programs (at 75% Avoided Costs)	645,442		$ 40,719,921	10.72480%	(1)	$ 4,367,130	$ 4,369,850	$ (2,720)

Non-Residential Programs

EE Programs (at 55% Avoided Cost)

		System kW Reduction - Summer Peak	System Energy Reduction (kWh)	A System Avoided Cost Revenue Requirement	B NC kWh Sales Allocation Factor	C SC Non-Residential Avoided Costs A * B	D SC Non-Residential Avoided Costs as Filed in Rider 6	Adjustment C-D
10	Smart Saver® for Non-Residential Customers Lighting	12,689	73,807,092	$ 16,482,369	27.21221%	$ 4,485,217	$ 4,485,217	$ -
11	Smart Saver® for Non-Residential Customers Motors	1,132	5,967,650	1,441,241	27.21221%	392,194	392,194	-
12	Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	-	-	27.21221%	-	-	-
13	Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	366	1,950,854	528,891	27.21221%	143,923	143,923	-
14	Smart Saver® for Non-Residential Customers - HVAC	1,716	4,120,481	2,157,185	27.21221%	587,018	587,018	-
15	Smart Saver® for Non-Residential Customers - Custom Rebate	15,371	113,380,706	25,199,697	27.21221%	6,857,394	6,857,394	-
16	Smart Energy Now	386	11,795,664	1,340,072	27.21221%	364,663	364,663	-
17	Total for Non-Residential Conservation Programs	31,660	211,022,447	$ 47,149,455		$ 12,830,409	$ 12,830,409	$ -

					SC Non-Residential Peak Demand Allocation Factor		A * B	SC Non-Residential Avoided Costs as Filed in Rider 6	Adjustment C-D
18	Total DSM Programs (at 75% Avoided Cost)	645,442		$ 40,719,921	14.47140%	(1)	$ 5,892,743	5,896,413	$ (3,670)

Total DSM Program Breakdown

					SC Retail Peak Demand Allocation Factor	A * B
19	Power Manager (Residential)	268,706	-	$ 16,962,793		
20	Power Share (Non-Residential)	376,736	-	23,757,128		
21	Total DSM	645,442	-	$ 40,719,921	25.19620%	$ 10,259,873

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Docket Number 2015-XXX-E
Calculation of True-up for Vintage 4, Year 2 and Estimated Lost Revenues for Year 3 and Year 4

Vintage 4 Exhibit 1

RESIDENTIAL

			Total Vintage 4 as filed	Adjustments to Vintage 4	Vintage 4 Revenue Requirement True-up	
1	EE Avoided Cost Component	V4 Exhibit 2, Line 8	$ 6,926,076	$ (108,051)	$ 6,818,025	1
2	DSM Avoided Cost Component	V4 Exhibit 2, Line 9	4,657,994	(2,070)	4,655,924	
3	Less: Earnings Cap Adjustment	R7 Exhibit 5, Line 35	(1,643,044)	(1,083,865)	(2,726,909)	2
4	Total Residential Avoided Cost Component	Line 1 + Line 2 + Line 3	9,941,026		8,747,040	
5	Gross Receipts Tax and Regulatory Fee		1.004517		1.004517	
6	Total EE/DSM Residential Avoided Cost Component	Line 4 * Line 5	9,985,930		8,786,550	
7	Total Lost Revenues Vintage 4	R7 Exhibit 1, Page 1 of 2, Line 51	6,590,473	2,286,562	8,341,859	3
8	Residential Save-A-Watt Revenue Requirement	Line 6 + Line 7	16,576,403		17,128,409	
9	Billing Factor		Various		100%	
10	Residential Save-A-Watt Revenue Requirement	Line 8 * Line 9	16,041,226		17,128,409	
11	Residential Existing DSM Program Revenue Requirement	Rider 6, V4 Exhibit 3, Line 5	734,223		734,223	
12	Total Residential SAW & Existing DSM Program Revenue Requirement	Line 10 + Line 11	16,775,449		17,862,632	
13	Total Collected Vintage 4 through Estimated Rider 6	R7 Exhibit 2, Line 4			16,257,398	
14	Residential True-up Amount before Interest	Line 12 - Line 13			1,605,234	
15	Interest Amount due Company	R7 Exhibit 4, Page 2 of 8, Line 25			107,536	
16	Residential True-up Amount with Interest	Line 14 + Line 15			$ 1,712,770	

See Exhibit A for rate

NON-RESIDENTIAL

			EE Participant				DSM Participant
			Total Vintage 4 as filed	Adjustments to Vintage 4	Vintage 4 Revenue Requirement True-up		Vintage 4, Year 1 Revenue Requirement
17	SAW EE Avoided Cost Component	V4 Exhibit 2, Line 17	$ 11,823,935	$ 11,367	$ 11,835,302	1	
18	SAW DSM Avoided Cost Component	Rider 6, V4 Exhibit 2, Line 18					$ 6,787,682
19	Less: Earnings Cap Adjustment	R7 Exhibit 5, Line 36 (EE), Line 37 (DSM)	(1,594,011)	(972,574)	(2,566,585)	2	(1,475,499)
20	Total Capped Non-Residential Avoided Cost Component		10,229,924	$ (961,207)	$ 9,268,717		$ 5,312,183
21	Gross Receipts Tax and Regulatory Fee		1.004517	1.004517	1.004517		1.004517
22	Total Non-Residential Avoided Cost Component	Line 18 * Line 20 ; Line 19 * Line 20	10,276,133	(965,549)	9,310,583		5,336,178
23	Total Lost Revenues Vintage 4	R7 Exhibit 1, Line 58	3,093,832	922,149	4,015,981	3	
24	Non-Residential EE/DSM Revenue Requirement	Line 21 + Line 22	13,369,965		13,326,564		5,336,178
25	Billing Factor				100%		100%
26	Total Non-Residential EE/DSM Revenue Requirement	Line 23 * Line 24	13,369,965		13,326,564		5,336,178
27	Existing DSM Program Revenue Requirement	Rider 6, V4 Exhibit 3, Line 5	-				1,070,394
28	Total Non-Residential SAW & Existing DSM Program Revenue Requirement	Line 25 + Line 26	13,369,965		13,326,564		6,406,572
29	Total Collected for Vintage 4 through Estimated Rider 6	R7 Exhibit 2, Lines 8 and 12			11,649,856		6,488,266
30	Non-Residential True-up Amount before Interest	Line 29 - Line 30			1,676,708		(81,694)
31	Interest Amount due Company	R7 Exhibit 4, Pg. 7 of 8, Lines 12 & 25			58,428		(9,997)
32	Non-Residential True-up Amount with Interest	Line 31 + Line 32			$ 1,735,136		$ (91,692)
33	Projected SC Non-Residential Sales (kWh) for billing period	R7 Exhibit 3, Line 25			7,646,850,372		7,959,608,462
34	**Non-Residential Rider EE (cents per kWh)**	Line 33/ Line 34*100			**0.0227**		**(0.0012)**

1 Details outlining the change in the avoided cost component can be found in V4 Exh 2.

2 The cap adjustment factor was updated in R7 Exhibit 5 for actual 2014 collections and estimated 2015 collections.

3 Updated lost revenues by year can be found in R7 Exh 1 page 1. Year 2015 has been updated with most recent participation and lost revenue rates as this is the final SAW true up. In addition, 2016 year 4 has been included as a final estimate.

Duke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Docket Number 2015-XXX-E
Load Impacts and Avoided Cost Revenue Requirements by Program - Vintage 4

Residential Programs

EE Programs (at 55% Avoided Cost)

		System kW Reduction - Summer Peak	System Energy Reduction (kWh)	A System Avoided Cost Revenue Requirement	B SC kWh Sales Allocation Factor (V4 Exhibit 3, Line 6)	C SC Residential Avoided Costs A * B	D SC Residential Avoided Costs as Filed in Rider 6	E Adjustment C-D
1	Appliance Recycling	668	4,854,769	$ 739,936	27.06811%	$ 200,287	$ 200,287	$ -
2	Residential Energy Assessments	1,426	7,688,605	2,045,751	27.06811%	553,746	553,746	-
3	Smart Saver® for Residential Customers	13,348	122,828,597	15,887,432	27.06811%	4,300,428	4,325,666	(25,238)
4	Low Income Energy Efficiency and Weatherization Assistance	212	1,141,122	213,327	27.06811%	57,744	140,556	(82,813)
5	Energy Efficiency Education Program for Schools	1,011	5,450,099	1,018,866	27.06811%	275,788	275,788	-
6	Residential Retrofit Pilot	-	-	-	27.06811%	-	-	-
7	Home Energy Comparison Report	23,002	108,666,008	5,283,092	27.06811%	1,430,033	1,430,033	-
8	Total for Residential Conservation Programs	39,667	250,629,200	$ 25,188,404		$ 6,818,025	$ 6,926,076	$ (108,051)
					SC Residential Peak Demand Allocation Factor (V4 Exhibit 3, Line 14)	A * B	SC Residential Avoided Costs as Filed in Rider 6	Adjustment
9	Total DSM Programs (at 75% Avoided Costs)	707,025		$ 46,343,970	10.04645% (1)	$ 4,655,924	$ 4,657,994	$ (2,070)

Non-Residential Programs

EE Programs (at 55% Avoided Cost)

		System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	NC kWh Sales Allocation Factor (V4 Exhibit 3, Line 6)	SC Non-Residential Avoided Costs A * B	SC Non-Residential Avoided Costs as Filed in Rider 6	
10	Smart Saver® for Non-Residential Customers Lighting	13,097	76,691,030	$ 16,538,810	27.06811%	$ 4,476,743	$ 4,465,368	$ 11,375
11	Smart Saver® for Non-Residential Customers Motors	1,570	8,065,178	1,999,911	27.06811%	541,338	541,347	(9)
12	Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	32	133,175	46,442	27.06811%	12,571	12,571	0
13	Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	209	1,132,425	339,877	27.06811%	91,998	91,998	0
14	Smart Saver® for Non-Residential Customers - HVAC	1,912	5,081,170	2,427,162	27.06811%	656,987	656,987	(0)
15	Smart Saver® for Non-Residential Customers - Custom Rebate	13,250	100,660,054	22,371,949	27.06811%	6,055,664	6,055,664	(0)
16	Smart Energy Now	-	-	-	27.06811%	-	-	-
17	Total for Non-Residential Conservation Programs	30,070	191,763,033	$ 43,724,152		$ 11,835,302	$ 11,823,935	$ 11,367
					SC Non-Residential Peak Demand Allocation Factor (V4 Exhibit 3, Line 15)	A * B	SC Non-Residential Avoided Costs as Filed in Rider 6	
18	Total DSM Programs (at 75% Avoided Cost)	707,025		$ 46,343,970	14.64631% (1)	$ 6,787,682	$ 6,790,700	$ (3,018)

Total DSM Program Breakdown

					SC Retail Peak Demand Allocation Factor (V4 Exhibit 3, Line 13)	A * B		
19	Power Manager (Residential)	328,993	-	$ 21,574,394				
20	Power Share (Non-Residential)	378,032	-	$ 24,769,576				
21	Total DSM	707,025	-	$ 46,343,970	24.69277%	$ 11,443,610	11,448,699	(5,089)

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Vintage 4 Exhibit 3

Duke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Docket Number 2015-XXX-E
Allocation Factors - Vintage 4

			MWH	Res	NonRes
Sales Allocator - 2013					
1	NC Retail MWH Sales Allocation	Company Records	55,394,590		
2	SC Retail MWH Sales Allocation (Excl. Greenwood)	Company Records	20,577,685	6,271,146	14,306,539
3	Total Retail, Excluding Greenwood	Line 1 + Line 2	75,972,275		
4	Greenwood Retail MWH Sales Allocation	Company Records	49,612		
5	Total Retail, including Greenwood	Line 3 + Line 4	76,021,887		
	Allocation 1 to state based on kWh sales				
6	SC Retail	Line 2 / Line 5	**27.06811%**	**30.47547%**	**69.52453%**

			NC MW	SC MW	Total MW
Demand Allocators - 2013					
7	Residential	Company Records	5,051,778	1,491,798	6,543,576
8	Non Residential (SC - Excl. Greenwood)	Company Records	6,119,392	2,174,831	8,294,223
9	Greenwood	Company Records	-	11,201	11,201
10	Total	Line 7 + Line 8+ Line 9	11,171,170	3,677,830	14,849,000
11	Wholesale Peak Demand	Company Records			1,067,981
12	Total System Peak Demand	Line 10 + Line 11			15,916,981
	Allocation 2 to state based on peak demand				
13	SC Retail, Excl. Greenwood	(Line 7, SC + Line 8, SC)/ Line 10 Total	**24.69277%**		
	Allocation 3 SC res vs non-res Peak Demand to retail system peak				
14	SC Residential	Line 7,SC / Line 10 Total	**10.04645%**		
15	SC Non-residential	Line 8, SC / Line 10 Total	**14.64631%**		
	Allocation 4 SC res vs non-res Peak Demand to retail system peak for Existing DSM				
16	SC Residential	Line 7,SC / Line 12 Total	**9.37237%**		
17	SC Non-residential	Line 8, SC / Line 12 Total	**13.66359%**		

Duke Energy Carolinas
For the period January 1, 2014 - December 31, 2014
Docket No. 2015-XXX-E
Calculation of Year 2014 True up of Shared Savings and Y1 Lost Revenues and Estimate Y3 Lost Revenues

Line	Residential Energy Efficiency Programs		Estimate of Year 3 Lost Revenues	Rider 5 Year 2014 Estimate	True-up to be Collected in Rider 7	Year 2014	
1	Residential EE Program Cost	Year 2014 Exh 2 (B * D)		$ 11,092,076	$ (800,415)	$ 10,291,661	
2	Residential EE Earned Utility Incentive	Year 2014 Exh 2 (C * D)		474,839	1,341,882	1,816,721	
3	Total EE Program Cost and Incentive Components	Year 2014 Exh 2 Line 10		11,566,915	541,467	12,108,382	1
4	Residential DSM Program Cost	Year 2014 Exh 2 (B * E)		4,046,230	(922,328)	3,123,902	
5	Residential DSM Earned Utility Incentive	Year 2014 Exh 2 (C * E)		920,825	22,757	943,582	
6	Total DSM Program Cost and Incentive Components	Year 2014 Exh 2 Line 11		4,967,055	(899,571)	4,067,484	1
7	Residential Existing DSM Program Revenue Requirement Estimate	Year 2014 Exhibit 3 Line 5		806,196	(128,750)	677,446	
8	Total EE/DSM Program Cost and Incentive Components	Line 3 + Line 6+ Line 7		17,340,166	(486,854)	16,853,312	
9	Revenue-related taxes and regulatory fees factor			1.004508	1.004517		
10	Total EE Program Cost and Incentive Revenue Requirement	Line 8 * Line 9		17,418,335	(489,053)	16,929,283	
11	Residential Net Lost Revenues	R7 Exh 1 page 2 Line 11	$ 2,841,941	3,286,819	38,881	3,325,700	2
12	Total Residential EE Revenue Requirement	Line 10 + Line 11	2,841,941	20,705,154	(450,172)	20,254,983	
13	Amount Excluded from Prior Year	Rider 6, Year 2014 Exh 1, pg 1 Line 4 - Line 6			1,302,210	1,302,210	
14	Total Residential EE Revenue Requirement, including prior yr exclusion	Line 12+ 13	2,841,941	20,705,154	852,038	21,557,193	
15	Billing Percentage	Settlement Agreement	90%	75%		90%	
16	Residential EE Revenue Requirement after Billing Percentage	Line 14 * Line 15	$ 2,557,747	$ 15,528,866		$ 19,401,474	
17	Revenues Collected Year 2014 *	R7 Exh 2 page 1 Line 14				15,850,391	3
18	Residential EE Revenue Requirement after Billing Percentage True Up	Line 16-Line 17	$ 2,557,747			$ 3,551,082	
19	Estimated Interest to be Recovered	R7 Exh 4 page 3 Line 12				371,252	
20	Estimated Residential EE/DSM Revenue Requirement True Up	Line 18 + Line 19	$ 2,557,747			$ 3,922,334	

See Exhibit A for rate

* Amounts collected in Year 2015 are excluded because they relate to Year 2 Lost Revenues which will be trued up in Rider 7. Year 2 lost revenue is not included in the revenue requirement.

	Non-Residential Energy Efficiency Programs	Reference	Estimate of Year 3 Lost Revenues	Rider 5 Year 2014 Estimate	True-up to be Collected in Rider 7	Year 2014	
21	Non- Residential EE Program Cost	Year 2014 Exh 2 (B * D) Line 24		$ 6,041,479	$ (588,411)	$ 5,453,068	
22	Non-Residential EE Earned Utility Incentive	Year 2014 Exh 2 (C * D) Line 24		2,559,346	293,311	2,852,657	
23	Total EE Program Cost and Incentive Components	Year 2014 Exh 2 Line 24		8,600,825	(295,100)	8,305,725	1
24	Revenue-related taxes and regulatory fees factor			1.004508	1.004517		
25	Total Non-Residential EE Program Cost and Incentive Revenue Requirements	Line 23 * Line 24		8,639,598	(296,433)	8,343,164	
26	Non-Residential Net Lost Revenues	R7 Exh 1 page 2 Line 25	$ 1,583,800	748,151	77,423	825,574	2
27	Total Non-Residential EE Revenue Requirement	Line 925 + Line 26	1,583,800	9,387,749	(219,010)	9,168,738	
28	Amount Excluded from Prior Year	PY Settlement Exhibit 1 pg 2 Year 1 Line 11 - Line 9			792,471	792,471	
29	Total Non-Residential EE Revenue Requirement, including prior yr exclusion	Line 27 + Line 28	1,583,800	9,387,749	573,461	9,961,209	
30	Billing Percentage	Settlement Agreement	90%	75%		90%	
31	Non-Residential EE Revenue Requirement after Billing Percentage	Line 29 * Line 30	$ 1,425,420	$ 7,040,811		$ 8,965,088	
32	Revenues Collected Year 2014	R7 Exh 2 page 1 Line 16				4,914,295	3
33	Non-Residential EE Revenue Requirement after Billing Percentage True Up	Line 31 + Line 32	$ 1,425,420			$ 4,050,793	
34	Estimated Interest to be Recovered	R7 Exh 4 page 8 Line 12				423,495	
35	Estimated Non-Residential EE Revenue Requirement True-Up with Interest	Line 33 + line 34	$ 1,425,420			$ 4,474,288	
36	Projected SC Residential Sales (kWh)	R7 Exhibit 3 Page 2 Line 21	6,197,991,699			6,197,991,699	
37	**SC Non-Residential EE billing factor (Cents/kWh)**	**Line 35 / Line 36 * 100**	**0.0230**			**0.0722**	

	Non- Residential DSM Programs		Year 2014 Revenue Requirement True up	
38	Non- Residential DSM Program Cost	Year 2014 Exh 2 (B * D) Line 26	$ 4,564,210	
39	Non-Residential DSM Earned Utility Incentive	Year 2014 Exh 2 (C * D) Line 26	1,376,609	
40	Total DSM Program Cost and Incentive Components	Year 2014 Exh 2 Line 26	5,929,819	1
41	Residential Existing DSM Program Revenue Requirement Estimate	Year 2014 Exh 4 Line 3	987,620	
42	Total DSM Revenue Requirement	Line 40 + Line 41	6,917,439	
43	Revenue-related taxes and regulatory fees factor		1.004517	
44	Total Non-Residential DSM Program Cost and Incentive Revenue Requirements	Line 42 * Line 43	6,948,685	
45	Amount Excluded from Prior Year	Rider 6 Year 2014 Exhibit 1 Line 18-Line 20	391,260	
46	Total Non-Residential DSM Revenue Requirement, including prior yr exclusion	Line 44 + Line 45	7,339,945	
47	Billing Percentage	Settlement Agreement	90%	
48	Non-Residential DSM Revenue Requirement, after Billing Percentage	Line 46 * Line 47	6,605,950	
49	Estimated Revenues Collected Year 2014 and Year 2015	R7 Exhibit 2 Page 1 Line 18	6,171,089	
50	Non-Residential DSM Revenue Requirement, after Billing Percentage True Up	Line 48 - Line 49	434,861	
51	Estimated Interest Due	R7 Exh 4 Page 8 Line 25	178,477	
52	Estimated Non-Residential DSM Revenue Requirement True Up after Interest	Line 50 + Line 51	$ 613,338	
53	Projected SC Non-Residential Sales (kWh)	R7 Exhibit 3 Page 2 Line 21	6,881,814,540	
54	**SC Non-Residential DSM billing factor**	**Line 52 / Line 53 * 100**	**0.0089**	

Duke Energy Carolinas
For the Period January 1, 2014 - December 31, 2014
Docket Number 2015-XXX-E
Load Impacts and Estimated Revenue Requirements, Excluding Lost Revenue by Program

Residential Programs

EE Programs

	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Cost (A)	Total Cost	Earned Utility Incentive (B)	System Cost Plus Incentive (C=A+B)	SC Retail Kwh Sales Allocation Factor (Year 2015 Exhibit 4 Line 6) (D)	SC Residential Revenue Requirement (E=C*D)	SC Residential Revenue Requirement as filed in Rider 5	Adjustment
1 Appliance Recycling	709	5,100,458	$ 1,752,715	$ 1,512,066	$ 27,675	$ 1,539,741	26.97487%	$ 415,343	811,219	(395,876)
2 Energy Efficiency Education	746	7,098,145	5,129,878	1,956,496	364,939	2,321,435	26.97487%	626,204	581,785	44,419
3 Energy Efficient Appliances and Devices	18,424	167,039,197	50,554,835	14,701,023	4,123,188	18,824,210	26.97487%	5,077,806	1,709,586	3,368,220
4 HVAC Energy Efficiency	2,509	4,526,177	6,959,716	4,774,663	251,281	5,025,944	26.97487%	1,355,742	1,697,030	(341,289)
5 Income Qualified Energy Efficiency and Weatherization Assistance	792	3,374,813	1,662,513	1,909,870		1,909,870	26.97487%	515,185	3,053,094	(2,537,909)
6 Multi-Family Energy Efficiency	993	11,588,887	5,564,992	1,438,728	474,520	1,913,248	26.97487%	516,096	731,075	(214,979)
7 Energy Assessments	1,312	10,599,335	12,723,705	3,595,650	1,049,726	4,645,376	26.97487%	1,253,084	630,612	622,473
8 Total for Residential Conservation Programs	25,485	209,327,011	$ 84,348,354	$ 29,888,496	$ 6,291,330	$ 36,179,825		$ 9,759,461	9,214,402	545,059
										-
9 My Home Energy Report (1)	38,579	142,881,676	12,121,111	$ 8,264,278	443,536	8,707,814	26.97487%	2,348,921	2,352,513	(3,592)
10 Total Residential Conservation and Behavioral Programs	64,064	352,208,687	$ 96,469,465	38,152,773	$ 6,734,866	$ 44,887,639		$ 12,108,381	11,566,915	541,466
							SC Residential Peak Demand Allocation Factor (Year 2015, Exhibit 3 Line 14)	C * D		
11 Total DSM Programs (2)	785,740	-	$ 112,765,795	31,094,588	$ 9,392,189	$ 40,486,777	10.04645%	$ 4,067,484	4,967,055	(899,571)
12 Total Residential Revenue Requirement								16,175,865	16,533,970	(358,105)

Non-Residential Programs

EE Programs

	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Cost (A)	Total Cost	Earned Utility Incentive (B)	System Cost Plus Incentive (C=A+B)	SC Retail Kwh Sales Allocation Factor (Year 2015 Exhibit 4 Line 6) (D)	SC Residential Revenue Requirement (E=C*D)	SC Non-Residential Revenue Requirement as filed in Rider 5	Adjustment
13 Non Residential Smart Saver Customer Technical Assessments	1,504	9,128,218	$ 6,779,677	$ 1,449,212	$ 613,003	$ 2,062,215	0.2697487	$ 556,280	1,192,870	(636,591)
14 Non Residential Smart Saver Custom	9,392	78,157,513	49,400,789	8,100,681	4,749,512	12,850,193	0.2697487	3,466,323	3,296,326	169,997
15 Energy Management Information Systems	-	-	-	74,069	(8,518)	65,551	0.2697487	17,682	144,275	(126,593)
16 Non Residential Smart Saver Energy Efficient Food Service Products	164	2,340,975	1,474,208	198,756	146,677	345,433	0.2697487	93,180	62,028	31,152
17 Non Residential Smart Saver Energy Efficient HVAC Products	1,252	4,669,724	5,146,733	812,536	498,433	1,310,969	0.2697487	353,632	546,175	(192,543)
18 Non Residential Smart Saver Energy Efficient Lighting Products	12,290	70,310,751	40,484,207	6,706,253	3,884,465	10,590,718	0.2697487	2,856,832	2,886,340	(29,507)
19 Non Residential Energy Efficient Pumps and Drives	787	6,487,067	3,596,505	582,689	346,589	929,278	0.2697487	250,671	347,510	(96,838)
20 Non Residential Energy Efficient ITEE	15	124,237	35,374	25,666	1,116	26,782	0.2697487	7,225	118,159	(110,934)
21 Non Residential Energy Efficient Process Equipment Products	159	661,883	651,775	89,586	64,652	154,238	0.2697487	41,605	7,142	34,463
22 Small Business Energy Saver	920	3,807,575	2,636,560	1,023,823	185,465	1,209,288	0.2697487	326,204		
23 Smart Energy in Offices	3,765	18,089,083	1,968,136	1,152,092	93,845	1,245,937	0.2697487	336,090		
24 Total for Non-Residential Conservation Programs	30,249	193,777,026	$ 112,173,964	20,215,363	$ 10,575,239	$ 30,790,602		$ 8,305,724	8,600,825	(295,102)
							SC Residential Peak Demand Allocation Factor (Year 2015, Exhibit 3 Line 14)	C * D		
25 Total DSM Programs										
26 Total Non-Residential Revenue Requirement	785,740		$ 112,765,795	$ 31,094,588	9,392,189	$ 40,486,777	14.64631%	$ 5,929,819	6,702,245	(772,426)
								14,235,543	15,303,071	(1,067,528)
							SC Residential Peak Demand Allocation Factor (Year 2015, Exhibit 3 Line 14)	C * D		

Total DSM Program Breakdown

	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Cost (A)	Total Cost	Earned Utility Incentive (B)	System Cost Plus Incentive (C=A+B)	SC Retail Kwh Sales Allocation Factor (Year 2015 Exhibit 4 Line 6) (D)	SC Residential Revenue Requirement (E=C*D)	SC Non-Residential Revenue Requirement as filed in Rider 5	Adjustment
27 Power Manager (Residential)	403,431	-	57,918,754	15,619,948	4,864,363	20,484,311				
28 Power Share Call Option (Non-Residential)	-	-	-			-				
29 Power Share (Non-Residential)	382,309	-	54,847,041	15,474,640	4,527,826	20,002,466				
30 Total DSM	785,740	-	$ 112,765,795	$ 31,094,588	$ 9,392,189	40,486,778	24.69277%	$ 9,997,303		
31 Total All Programs	880,053	545,985,713	321,409,223	89,462,724	26,702,294	116,165,019		30,411,408	31,837,040	(1,425,633)

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintage.
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
For the Period January 1, 2014 - December 31, 2014
Docket Number 2015-XXX-E
Existing DSM Program Costs - Year 2014

Year 2014 Exhibit 3

			Year 2014	
1 Estimated total IS/SG credits to be paid for native load programs	Line 10	$ 7,195,613		
			Residential	Non-residential
2 SC retail allocation factor - system peak demand	Year 2014 Exhibit 4, Line 16, 17		9.37237%	13.66359%
3 SC retail share IS/SG program costs	Line 1 * Line 2		$ 674,399	$ 983,179
4 Gross Receipts Tax and Regulatory Fee			1.004517	1.004517
5 SC Retail Existing DSM Revenue Requirement	Line 3 * Line 4		$ 677,446	$ 987,620

	PROGRAM	Jan - Dec 2014 Credits Paid
6	INTERRUPTIBLE SERVICE CREDITS	$ 4,695,483
7	STANDBY GENERATOR PAYMENTS	848,592
8	WHOLESALE A/C LOAD CONTROL CREDITS	362,400
9	WHOLESALE INTERRUPTIBLE SERVICE CREDITS	1,289,138
10	**TOTAL CREDITS**	$ 7,195,613

Duke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Docket Number 2015-XXX-E
Allocation Factor Year 2014

			MWH
Sales Allocator - 2013			
1	NC Retail MWH Sales, at Generation	Company Records	58,149,791
2	SC Retail MWH Sales (Excl. Greenwood), at Generation	Company Records	21,499,203
3	Total Retail, Excluding Greenwood, at Generation	Line 1 + Line 2	79,648,994
4	Greenwood Retail MWH Sales, at Generation	Company Records	51,874
5	Total Retail, including Greenwood, at Generation	Line 3 + Line 4	79,700,868
	Allocation 1 to state based on kWh sales		
6	SC Retail	Line 2 / Line 5	**26.97487%**

			NC MW	SC MW	Total MW
Demand Allocators - 2013					
7	Residential	Company Records	5,051,778	1,491,798	6,543,576
8	Non Residential (SC - Excl. Greenwood)	Company Records	6,119,392	2,174,831	8,294,223
9	Greenwood	Company Records	-	11,201	11,201
10	Total	Line 7 + Line 8+ Line 9	11,171,170	3,677,830	14,849,000
11	Wholesale Peak Demand	Company Records			1,067,981
12	Total System Peak Demand	Line 10 + Line 11			15,916,981
	Allocation 2 to state based on peak demand				
13	SC Retail, Excl. Greenwood	(Line 7, SC + Line 8, SC)/ Line 10 Total	**24.69277%**		
	Allocation 3 SC res vs non-res Peak Demand to retail system peak				
14	SC Residential	Line 7,SC / Line 10 Total	**10.04645%**		
15	SC Non-residential	Line 8, SC / Line 10 Total	**14.64631%**		
	Allocation 4 SC res vs non-res Peak Demand to retail system peak for Existing DSM				
16	SC Residential	Line 7,SC / Line 12 Total	**9.37237%**		
17	SC Non-residential	Line 8, SC / Line 12 Total	**13.66359%**		

NOTE: All allocation factors have remained unchanged since the Rider 6 filing as the new mechanism settlement agreement states that the Company must use the most recently filed cost of service study. The cost of service study for DEC SC will not be filed until June 2015.

Duke Energy Carolinas
For the Period January 1, 2014 - December 31, 2014
Docket Number 2015-XXX-E
Actual Program Costs - Year 2014

	System Costs Months of January 1, 2014 - December 31, 2014	Residential	Non-Residential
Energy Efficiency (EE) Programs:			
1 My Home Energy Report	8,264,278	8,264,278	
2 Energy Assessments	3,595,650	3,595,650	
3 HVAC Program	4,774,663	4,774,663	
4 Energy Efficient Appliances and Devices	14,701,023	14,701,023	
5 Income Qualified Energy Efficiency and Weatherization Assistance	1,909,870	1,909,870	
6 Multi-Family Energy Efficiency	1,438,728	1,438,728	
7 Appliance Recycle Program	1,512,066	1,512,066	
8 Energy Efficiency Education	1,956,496	1,956,496	
9 Energy Management Information Systems	74,069		74,069
10 Smart Saver Customer Technical Assessments	1,449,212		1,449,212
11 Smart Saver Customer Technical Assessments	8,100,681		8,100,681
12 Smart Saver Efficient Food Service Products	198,756		198,756
13 Smart Saver Efficient HVAC Products	812,536		812,536
14 Smart Saver Efficient Lighting Products	6,706,253		6,706,253
15 Nonresidential Energy Efficient Pumps and Drives	582,689		582,689
16 Nonresidential Energy Efficient ITEE	25,666		25,666
17 Nonresidential Energy Efficient Process Equipment Products	89,586		89,586
18 Small Business Energy Saver	1,023,823		1,023,823
19 Smart Energy in Offices	1,152,092		1,152,092
20 Subtotal EE Program Costs	$ 58,368,137	$ 38,152,774	$ 20,215,363
Demand-Side Management (DSM) Programs:			
21 Power Manager	$ 15,619,948	$ 15,619,948	
22 Power Share	15,474,639		$ 15,474,639
23 Subtotal DSM Program Costs	$ 31,094,587	$ 15,619,948	$ 15,474,639
24 **Total EE & DSM Program Costs - Year 2014**	**$ 89,462,724**	**$ 53,772,722**	**$ 35,690,002**

Duke Energy Carolinas
Changes to DSM/EE Cost Recovery Vintage 2014 True Up January 1, 2014 - December 31, 2014
Changes from Prior Filing Due to Application of M&V and Participation
System kWh and kW Impacts Net Free Riders at the Plant

Residential Programs

Program Name	Filed in Docket 2013-298-E kWh	Filed in Docket 2013-298-E kW	Filed in Docket 2015-XXX-E kWh	Filed in Docket 2015-XXX-E kW	Overall Variance kWh	Overall Variance kW	Docket 2013-298-E System Participation	Docket 2015-XXX-E System Participation	Delta Participation	Variance due to Change in Impacts and Measure Mix kWh	Variance due to Change in Impacts and Measure Mix kW	Variance due to Change in Participation kWh	Variance due to Change in Participation kW	Sum of Variances kWh	Sum of Variances kW
Appliance Recycling Program	16,819,425	3,949	5,100,458	709	(11,718,967)	(3,240)	16,688	9,753	(6,935)	(4,729,351)	(1,599)	(6,989,616)	(1,641)	(11,718,967)	(3,240)
Energy Efficiency Education	5,225,951	518	7,098,145	746	1,872,194	228	24,000	28,316	4,316	932,332	134	939,862	93	1,872,194	228
Energy Efficient Appliances and Devices	27,602,478	2,946	167,039,197	18,424	139,436,719	15,478	715,209	5,069,137	4,353,928	(28,596,963)	(2,454)	168,033,681	17,932	139,436,719	15,478
HVAC Energy Efficiency	5,248,319	2,963	4,526,177	2,509	(722,142)	(454)	16,153	12,866	(3,287)	345,847	149	(1,067,989)	(603)	(722,142)	(454)
Income Qualified Energy Efficiency and Weatherization Assistance	10,977,497	2,405	3,374,813	792	(7,602,684)	(1,612)	11,244	9,082	(2,162)	(5,491,737)	(1,150)	(2,110,947)	(462)	(7,602,684)	(1,612)
Multi-Family Energy Efficiency	9,923,970	853	11,588,887	993	1,664,917	140	145,151	162,241	17,090	496,474	40	1,168,443	100	1,664,917	140
Energy Assessments	4,928,548	610	10,599,335	1,312	5,670,787	702	5,000	10,753	5,753	-	-	5,670,787	702	5,670,787	702
My Home Energy Report	149,783,507	35,166	142,881,676	38,579	(6,901,831)	3,413	668,314	8,787,142	8,118,828	(1,826,505,392)	(423,789)	1,819,603,560	427,202	(6,901,831)	3,413
PowerManager	-	354,265		403,431	-	49,166	393,524	4,436,186	4,102,662	-	(4,308,628)	-	4,357,794	-	49,166
Residential Programs Total	230,509,695	403,674	352,208,687	467,495	121,698,992	63,821	1,935,283	18,525,476	16,590,193	(1,863,548,789)	(4,737,298)	1,985,247,781	4,801,118	121,698,992	63,821

Non-Residential Programs

Non Residential Energy Efficient Process Equipment Products

Program Name	Filed in Docket 2013-298-E kWh	Filed in Docket 2013-298-E kW	Filed in Docket 2015-XXX-E kWh	Filed in Docket 2015-XXX-E kW	Overall Variance kWh	Overall Variance kW	Docket 2013-298-E System Participation	Docket 2015-XXX-E System Participation	Delta Participation	Variance due to Change in Impacts and Measure Mix kWh	Variance due to Change in Impacts and Measure Mix kW	Variance due to Change in Participation kWh	Variance due to Change in Participation kW	Sum of Variances kWh	Sum of Variances kW
Non Residential Smart Saver Custom Technical Assessments	16,694,327	1,906	9,128,218	1,504	(7,566,108)	(402)	13,526	75	(13,451)	9,035,650	1,494	(16,601,759)	(1,895)	(7,566,108)	(402)
Non Residential Smart Saver Custom	74,701,126	8,528	78,157,513	9,392	3,456,388	864	60,524	32,451	(28,073)	38,105,200	4,820	(34,648,812)	(3,955)	3,456,388	864
Energy Management Information Systems	3,430,703	571	-	-	(3,430,703)	(571)	3,353	-	(3,353)	-	-	(3,430,703)	(571)	(3,430,703)	(571)
Non Residential Smart Saver Energy Efficient Food Service Products	1,066,435	67	2,340,975	164	1,274,541	97	679	2,325	1,646	(1,308,914)	(66)	2,583,454	163	1,274,541	97
Non Residential Smart Saver Energy Efficient HVAC Products	5,934,420	2,285	4,669,724	1,252	(1,264,695)	(1,033)	53,118	925,410	872,292	(98,718,223)	(38,555)	97,453,527	37,523	(1,264,695)	(1,033)
Non Residential Smart Saver Energy Efficient Lighting Products	65,274,685	10,906	70,310,751	12,290	5,036,065	1,384	212,753	295,023	82,270	(20,205,184)	(2,833)	25,241,249	4,217	5,036,065	1,384
Non Residential Energy Efficient Pumps and Drives Products	5,698,027	689	6,487,067	787	789,040	98	5,331	5,258	(73)	866,907	107	(77,868)	(9)	789,040	98
Non Residential Energy Efficient ITEE	2,970,668	80	124,237	15	(2,846,431)	(65)	5,726	1,364	(4,362)	(583,411)	(4)	(2,263,020)	(61)	(2,846,431)	(65)
Non Residential Energy Efficient Process Equipment Products	76,829	15	661,883	159	585,054	144	378	1,450	1,072	367,198	100	217,856	44	585,054	144
Smart Energy in Offices	-	-	18,089,083	3,765	18,089,083	3,765	-	20,768,337	20,768,337	-	-	18,089,083	3,765	18,089,083	3,765
Small Business Energy Saver	-	-	3,807,575	920	3,807,575	920	-	4,023,251	4,023,251	-	-	3,807,575	920	3,807,575	920
PowerShare CallOption	-	28,679	-	-	-	(28,679)	27,000	-	(27,000)	-	-	-	(28,679)	-	(28,679)
PowerShare	-	430,872	-	382,309	-	(48,563)	405,646	4,316,021	3,910,375	-	(4,202,112)	-	4,153,549	-	(48,563)
Non-Residential Programs Total	175,847,218	484,598	193,777,026	412,558	17,929,808	(72,040)	788,034	30,370,965	29,582,931	(72,440,775)	(4,237,050)	90,370,584	4,165,010	17,929,808	(72,040)
Total Residential and Non-Residential Programs	406,356,913	888,273	545,985,713	880,053	139,628,800	(8,219)	2,723,317	48,896,441	46,173,124	(1,935,989,565)	(8,974,348)	2,075,618,365	8,966,128	139,628,800	(8,219)

NOTE - The actual per unit impacts are reflective of the following EM&V reports:

Program Name As Filed	Docket	Report Reference	Effective Date
Smart Saver® for Residential Customers	2013-298-E	Stevie Exhibit A - Carolinas - Res SS EE Products - EMV - Sept 28 2012	3/1/2012
	2013-298-E	Stevie Exhibit J - Carolinas - Prop Mgr CFL Prg-EMV - Feb 18 2013	10/1/2012
Residential Energy Assessments	2013-298-E	Stevie Exhibit G - Carolinas - Res Energy Assess HENC-EMV-Feb 19 2013	12/1/2012
Smart Saver® for Residential Customers	2013-298-E	Stevie Exhibit E - Carolinas - Res HVAC EMV- February 28 2013	10/1/2012
Residential Energy Assessments	2014-334-E	Process and Impact Evaluation of the Residential Energy Assessments Program (Personalized Energy Report®) in the Carolina System	9/1/2012
Smart Saver® for Non-Residential Customers Lighting	2013-298-E	Stevie Exhibit I - Carolinas - Final Non-Res Smart Saver-EMV- April 5 2013	10/1/2012
PowerManager	2014-334-E	Impact Evaluation and Review of the 2012 Power Manager® Program in the Carolina System (June 11, 2013)	1/1/2012
PowerShare	2014-334-E	Impact Evaluation and Review of the 2012 PowerShare® Program in the Carolina System (June 11, 2013)	1/1/2012
Energy Efficiency Education Program for Schools	2014-334-E	Impact Evaluation of the Energy Efficiency for Schools Program (The National Theatre for Children (NTC)) in the Carolinas System (August 21, 2013)	9/1/2012
Non-Residential Custom Program	2014-334-E	Smart Saver Custom - Final Process and Impact Evaluation Report - Nov 20 2013	1/1/2013
My Home Energy Report	2014-334-E	Process and Impact Evaluation of the My Home Energy Report (MyHER) Program in the Carolina System - Feb 20, 2014	11/1/2013
Smart Energy Now	2014-334-E	Impact Evaluation of the Smart Energy Now Program (NC) (Pilot) - Feb 21, 2014	1/1/2011
Appliance Recycling	2014-334-E	Process and Impact Evaluation of Duke Energy's Residential Appliance Recycling Program (ARP) in the Carolina System - Apr 25, 2014	1/1/2012
Income Qualified Energy Efficiency: Neighborhoods	2015-XXX-E	Process and Impact Evaluation of the 2013-2014 Residential Neighborhood Program in the Carolina System (November 14, 2014)	1/1/2012
Energy Efficient Appliances and Devices: Specialty Bulbs	2015-XXX-E	Process and Impact Evaluation of the Residential Energy Efficient Appliance and Devices: Lighting - Specialty Bulbs Program in the Carolina System (November 19, 2014)	4/1/2013
HVAC Energy Efficiency: Tune & Seal	2015-XXX-E	Evaluation of the Residential Smart Saver® Additional Measures Program in the Carolina System (December 10, 2014)	8/1/2012

Duke Energy Carolinas
Docket No. 2015-XXX-E
Calculation of Year 2015 Estimate Y2 Lost Revenues

Residential Energy Efficiency Programs

Line		Reference	Year 2
1	Residential Net Lost Revenues - Year 2	R7 Exh 1 page 2 Line 36	$ 1,655,188
2	Total Residential EE Revenue Requirement	Line 1	1,655,188
3	Amount Excluded from Prior Year	Rider 6 Exhibit 2015 Exhibit 1 pg 1 Year 1 Line 14- Line 12	4,163,526
4	Total Residential EE Revenue Requirement, including prior yr exclusion	Line 2+ 3	5,818,714
5	Billing Percentage	Settlement Agreement	90%
6	Residential EE Revenue Requirement after Billing Percentage	Line 4 * Line 5	$ 5,236,843
7	Projected SC Residential Sales (kWh)	R7 Exhibit 3 Page 2 Line 3	6,673,120,576
8	**SC Residential EE Billing Factor (Cents/kWh)**	**Line 6 / Line 7 * 100**	**0.0785**

Non-Residential Energy Efficiency Programs

		Reference	Year 2
9	Non-Residential Net Lost Revenues - Year 2	R7 Exh 1 page 2 Line 48	$ 2,798,965
10	Total Non-Residential EE Revenue Requirement	Line 9	2,798,965
11	Amount Excluded from Prior Year	Rider 6 Year 2015 Exhibit 1 pg 2	2,023,971
12	Total Non-Residential EE Revenue Requirement, including prior yr exclusion	Line 10 + Line 11	4,822,936
13	Billing Percentage	Settlement Agreement	90%
14	Non-Residential EE Revenue Requirement after Billing Percentage	Line 12 * Line 13	$ 4,340,642
15	Projected SC Residential Sales (kWh)	R7 Exhibit 3, Page 2 Line 21	6,198,270,467
16	**SC Non-Residential EE billing factor (Cents/kWh)**	**Line 14 / Line 15 * 100**	**0.0700**

Non- Residential DSM Programs

			Prior year true up
17	Amount Excluded from Prior Year	Rider 6 Year 2015 Exhibit 1 page 2	$1,665,176
18	Total Non-Residential DSM Revenue Requirement, including prior yr exclusion	Line 17	$1,665,176
19	Billing Percentage	Settlement Agreement	90%
20	Non-Residential DSM Revenue Requirement, after Billing Percentage	Line 18 * Line 19	$1,498,658
21	Projected SC Non-Residential Sales (kWh)	R7 Exhibit 3, Page 2 Line 21	6,845,016,096
22	**SC Non-Residential DSM billing factor**	**Line 20 / Line 21 * 100**	**0.0219**

Duke Energy Carolinas
Docket No. 2015-XXX-E
Calculation of Year 2016 Estimate of Shared Savings and Lost Revenues Year 1

Energy Efficiency Programs

Line		Reference	Year 1
1	Residential EE Program Cost	Year 2016 Exh 2 (B * E)	$11,482,088
2	Residential EE Earned Utility Incentive	Year 2016 Exh 2 (C * E)	675,068
3	Total EE Program Cost and Incentive Components	Year 2016 Exh 2 Line 10	12,157,156
4	Residential DSM Program Cost	Year 2016 Exh 2 (B * E)	3,134,039
5	Residential DSM Earned Utility Incentive	Year 2016 Exh 2 (C * E)	1,152,056
6	Total DSM Program Cost and Incentive Components	Year 2016 Exh 2 Line 11	4,286,095
7	Residential Existing DSM Program Revenue Requirement Estimate	Year 2014 Exhibit 3 Line 5	677,446
8	Total EE/DSM Program Cost and Incentive Components	Line 3 + Line 6+ Line 7	17,120,696
9	Revenue-related taxes and regulatory fees factor		1.004517
10	Total EE Program Cost and Incentive Revenue Requirement	Line 8 * Line 9	17,198,030
11	Residential Net Lost Revenues	R7 Exh 1 page 2 Line 59	3,954,894
12	Total Residential EE Revenue Requirement	Line 10 + Line 11	21,152,924
13	Billing percentage	Settlement Agreement	90%
14	Total Revenue Requirement after Billing Percentage	Line 12 * Line 13	$19,037,632
15	Projected SC Residential Sales (kWh)	R7 Exh 3 Page 2 Line 3	6,673,120,576
16	**NC Residential EE Billing Factor (Cents/kWh)**	**Line 14 / Line 15*100**	**0.2853**

Duke Energy Carolinas
Docket No. 2015-XXX-E
Calculation of Year 2016 Estimated Shared Savings and Year 1 Lost Revenue Estimate

Non-Residential Energy Efficiency Programs

Line		Reference	Year 1
1	Non- Residential EE Program Cost	Year 2016 Exh 2 (B * E) Line 22	$13,492,828
2	Non-Residential EE Earned Utility Incentive	Year 2016 Exh 2 (C * E) Line 22	4,203,327
3	Total EE Program Cost and Incentive Components	Year 2016 Exh 2 Line 22	17,696,155
4	Revenue-related taxes and regulatory fees factor		1.004517
5	Total Non-Residential EE Program Cost and Incentive Revenue Requirements	Line 3 * Line 4	17,776,089
6	Non-Residential Net Lost Revenues	R7 Exh 1 p 2 Line 71	1,511,303
7	Total Non-Residential EE Revenue Requirement	Line 5 + Line 6	19,287,392
8	Billing Percentage	Settlement Agreement	90%
9	Non- Residential EE Requirement after Billing Percentage	Line 7 * Line 8	$17,358,653
10	Projected NC Non-Residential Sales (kWh)	R7 Exh 3 Page 2 Line 21	6,198,270,467
11	**NC Non-Residential EE billing factor (Cents/kWh)**	Line 9 / Line 10 *100	**0.2801**

Non- Residential DSM Programs

			Year 1
12	Non-Residential DSM Program Cost	Year 2016 Exh 2 (B * E) Line 23	$4,568,988
13	Non-Residential DSM Earned Utility Incentive	Year 2016 Exh 2 (C * E) Line 23	1,679,535
14	Total Non-Residential DSM Program Cost and Incentive Components	Year 2016 Exh 2 Line 23	6,248,523
15	Non-Residential Existing DSM Program Revenue Requirement	Year 2014 Exhibit 3 Line 5	987,620
16	Total Non-Residential SAW & Existing DSM Program Revenue Requirement	Line 14 + Line 15	7,236,143
17	Revenue-related taxes and regulatory fees factor		1.004517
18	Total Non-Residential DSM Revenue Requirement	Line 16 * Line 17	7,268,828
19	Billing Percentage	Settlement Agreement	90%
20	Non-Residential Existing DSM Program Revenue Requirement after Billing Percentage	Line 18 * Line 19	$6,541,946
21	Projected NC Non-Residential Sales (kWh)	R7 Exh 3 p 2 Line 21	6,845,016,096
22	**NC Non-Residential DSM billing factor**	Line 20 / Line 21 * 100	**0.0956**

Year 2016 Exhibit 2

Duke Energy Carolinas
For the Period January 1, 2016 - December 31, 2016
Docket Number 2015-XXX-E
Load Impacts and Estimated Revenue Requirements, Excluding Lost Revenue by Program

Residential Programs

EE Programs

	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Cost	Total Cost	Earned Utility Incentive	Total Cost Plus Incentive	SC Retail Kwh Sales Allocation Factor (Year 2016 Exhibit 3 Line 6)	SC Residential Revenue Requirement
			A	B	(A-B)*11.5% = C	D= B + C	E	F = D * E
1 Appliance Recycling	791	5,655,112	1,854,144	$ 1,754,540	$ 9,154	$ 1,763,694	26.97487%	$ 475,754
2 Energy Efficiency Education	691	6,580,248	4,815,498	2,474,928	269,166	2,744,094	26.97487%	740,216
3 Energy Efficient Appliances and Devices	4,061	36,348,269	13,923,488	5,528,158	965,463	6,493,621	26.97487%	1,751,646
4 HVAC Energy Efficiency	1,527	3,365,177	4,628,722	5,107,181	(55,023)	5,052,158	26.97487%	1,362,813
5 Income Qualified Energy Efficiency and Weatherization Assistance	1,004	5,010,021	3,262,376	10,601,322		10,601,322	26.97487%	2,859,693
6 Multi-Family Energy Efficiency	1,019	12,320,047	4,730,718	1,883,584	327,420	2,211,005	26.97487%	596,416
7 Energy Assessments	934	7,546,592	8,412,094	3,010,149	621,224	3,631,372	26.97487%	979,558
8 Total for Residential Conservation Programs	10,028	76,825,467	41,607,040	$ 30,359,862	$ 2,137,404	$ 32,497,266		$ 8,766,096
9 My Home Energy Report (1)	55,319	204,879,940	15,381,444	12,206,008	365,175	12,571,183	26.97487%	3,391,060
10 Total Residental Conservation and Behavioral Programs	65,347	281,705,407	56,988,484	$ 42,565,870	$ 2,502,579	$ 45,068,449		$ 12,157,156
							SC Residential Peak Demand Allocation Factor (Year 2016, Exhibit 3 Line 14)	D * E
11 Total DSM Programs (2)	928,994	-	130,911,067	$ 31,195,486	$ 11,467,292	$ 42,662,778	10.04645%	$ 4,286,095
12 Total Residential Revenue Requirement								16,443,251

Non-Residential Programs

EE Programs

	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Cost	System Cost	Earned Utility Incentive	System Cost Plus Incentive	SC Retail Kwh Sales Allocation Factor (Year 2016 Exhibit 3 Line 6)	SC Residential Revenue Requirement
13 Non Residential Smart Saver Customer Technical Assessments	2,001	17,528,673	11,659,682	$ 2,811,494	$ 1,017,542	$ 3,829,036	0.2697487	$ 1,032,877
14 Non Residential Smart Saver Custom	8,954	78,437,169	45,962,130	9,835,671	4,154,543	13,990,214	0.2697487	3,773,841
15 Energy Management Information Systems	-	-	-	-	-	-	0.2697487	-
16 Non Residential Smart Saver Energy Efficient Food Service Products	120	1,656,886	1,760,478	243,073	174,502	417,575	0.2697487	112,640
17 Non Residential Smart Saver Energy Efficient HVAC Products	2,912	7,233,762	9,039,480	1,923,416	818,347	2,741,763	0.2697487	739,587
18 Non Residential Smart Saver Energy Efficient Lighting Products	13,942	83,856,747	55,329,863	7,813,306	5,464,403	13,277,709	0.2697487	3,581,645
19 Non Residential Energy Efficient Pumps and Drives	876	7,239,343	7,500,491	954,985	752,733	1,707,718	0.2697487	460,655
20 Non Residential Energy Efficient ITEE	137	5,572,871	2,232,669	584,982	189,484	774,466	0.2697487	208,911
21 Non Residential Energy Efficient Process Equipmentr Products	19	97,022	103,270	33,279	8,049	41,328	0.2697487	11,148
22 Non Residential Energy Saver	16,596	68,899,042	50,194,830	21,459,213	3,304,596	24,763,809	0.2697487	6,680,005
23 Smart Energy in Offices	8,073	38,787,988	1,736,076	4,360,574	(301,817)	4,058,757	0.2697487	1,094,844
22 Total for Non-Residential Conservation Programs	53,630	309,309,503	185,518,969	$ 50,019,993	$ 15,582,382	$ 65,602,375		$ 17,696,154
							SC Non -Residential Peak Demand Allocation Factor (Year 2016, Exhibit 3 Line 15)	D * E
23 Total DSM Programs	928,994		130,911,067	$ 31,195,486	11,467,292	$ 42,662,778	14.64631%	$ 6,248,523
24 Total Non-Residential Revenue Requirement								23,944,677

Total DSM Program Breakdown

							SC Retail Peak Demand Allocation Factor (Year 2016, Exhibit 3 Line 13)	D * E
25	Power Manager (Residential)	504,194	-	71,049,560	12,881,566	6,689,319	19,570,885	
26	Power Share Call/Option (Non-Residential)	-	-		-	-	-	
27	Power Share (Non-Residential)	424,800	-	59,861,507	18,313,920	4,777,973	23,091,893	
28	Total DSM	928,994	-	130,911,067	$ 31,195,486	$ 11,467,292	42,662,778	24.69277% $ 10,534,617
29 Total All Programs		1,047,971	591,014,910	373,418,520	123,781,349	29,552,255	153,333,602	40,387,928

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintage.
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
For the Period January 1, 2013 - December 31, 2013
Docket Number 2015-XXX-E
Allocation Factor Estimates Year 2016

			MWH
Sales Allocator - 2013			
1	NC Retail MWH Sales, at Generation	Company Records	58,149,791
2	SC Retail MWH Sales (Excl. Greenwood), at Generation	Company Records	21,499,203
3	Total Retail, Excluding Greenwood, at Generation	Line 1 + Line 2	79,648,994
4	Greenwood Retail MWH Sales, at Generation	Company Records	51,874
5	Total Retail, including Greenwood, at Generation	Line 3 + Line 4	79,700,868
	Allocation 1 to state based on kWh sales		
6	SC Retail	Line 2 / Line 5	**26.97487%**

			NC MW	SC MW	Total MW
Demand Allocators - 2013					
7	Residential	Company Records	5,051,778	1,491,798	6,543,576
8	Non Residential (SC - Excl. Greenwood)	Company Records	6,119,392	2,174,831	8,294,223
9	Greenwood	Company Records	-	11,201	11,201
10	Total	Line 7 + Line 8+ Line 9	11,171,170	3,677,830	14,849,000
11	Wholesale Peak Demannd	Company Records			1,067,981
12	Total System Peak Demand	Line 10 + Line 11			15,916,981
	Allocation 2 to state based on peak demand				
13	SC Retail, Excl. Greenwood	(Line 7, SC + Line 8, SC)/ Line 10 Total	**24.69277%**		
	Allocation 3 SC res vs non-res Peak Demand to retail system peak				
14	SC Residential	Line 7,SC / Line 10 Total	**10.04645%**		
15	SC Non-residential	Line 8, SC / Line 10 Total	**14.64631%**		
	Allocation 4 SC res vs non-res Peak Demand to retail system peak for Existing DSM				
16	SC Residential	Line 7,SC / Line 12 Total	**9.37237%**		
17	SC Non-residential	Line 8, SC / Line 12 Total	**13.66359%**		

Note: 2014 Cost of Service Study has not been filed as of March 1, 2015.

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2016
Docket Number 2015-XXX-E
South Carolina Lost Revenues Vintage 1-4

Participation

	Vintage 1	2009	2010 (1/2 year)	2011	1 Mth 2012	2012	2013	2014	2015	2016	Total
	Residential										
1	Residential Energy Assessments		$ 64,856	$ 94,572	$ 7,852						$ 167,280
2	Smart Saver® for Residential Customers		1,558,407	4,559,617	378,509						6,496,533
3	Low Income Energy Efficiency and Weatherization Assistance		22,629	46,343	3,847						72,818
4	Energy Efficiency Education Program for Schools		11,945	29,153	2,420						43,518
5	Home Energy Comparison Report		52,262	-	-						52,262
6	Total Lost Revenues		$ 1,710,099	$ 4,729,684	$ 392,628						$ 6,832,412

	Non-Residential	2009	2010 (1/2 year)	2011	1 Mth 2012	2012	2013	2014	2015	2016	Total
7	Smart Saver® for Non-Residential Customers Lighting		$ 471,514	$ 947,824	$ 80,366						$ 1,499,704
8	Smart Saver® for Non-Residential Customers Motors		12,493	23,802	2,018						38,313
9	Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)		-	-	-						-
10	Smart Saver® for Non-Residential Customers - Energy Star Food Service Products		2,971	6,215	518						9,704
11	Smart Saver® for Non-Residential Customers - HVAC		25,137	45,466	3,792						74,395
12	Smart Saver® for Non-Residential Customers - Custom Rebate		57,436	101,901	8,911						168,247
13	Total Lost Revenues		$ 569,552	$ 1,125,207	$ 95,604						$ 1,790,363

	Vintage 2	2009	2010	2011 (1/2 year)	1 Mth 2012	2012	Jan-Aug 2013	2014	2015	2016	Total
	Residential										
14	Residential Energy Assessments			$ 64,436		$ 131,238	$ 94,328				$ 290,002
15	Smart Saver® for Residential Customers			1,765,029		4,359,512	3,132,311				9,256,852
16	Low Income Energy Efficiency and Weatherization Assistance			1,409		4,156	2,987				8,552
17	Energy Efficiency Education Program for Schools			13,016		28,917	20,774				62,707
18	Residential Retrofit Pilot			-		-	-				-
19	Home Energy Comparison Report			73,786		-	-				73,786
20	Total Lost Revenues			$ 1,917,677		$ 4,523,822	$ 3,250,400				$ 9,691,899

	Non-Residential	2009	2010	2011 (1/2 year)	1 Mth 2012	2012	Jan-Aug 2013	2014	2015	2016	Total
21	Smart Saver® for Non-Residential Customers Lighting			$ 336,905		$ 669,042	$ 463,136				$ 1,469,082
22	Smart Saver® for Non-Residential Customers Motors			33,683		79,536	57,041				170,260
23	Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)			-		-	-				-
24	Smart Saver® for Non-Residential Customers - Energy Star Food Service Products			1,032		9,158	6,612				16,802
25	Smart Saver® for Non-Residential Customers - HVAC			25,924		49,079	35,301				110,304
26	Smart Saver® for Non-Residential Customers - Custom Rebate			191,464		379,604	271,923				842,990
27	Smart Energy Now			-		-					-
28	Total Lost Revenues			$ 589,007		$ 1,186,419	$ 834,013				$ 2,609,439

	Vintage 3	2009	2010	2011	1 Mth 2012	2012 (1/2 year)	2013	2014 (a)	2015 (1/2 year)	2016	Total
	Residential										
29	Appliance Recycling					$ 4,627	$ 18,992	$ 20,047	$ 14,970		$ 58,636
30	Residential Energy Assessments					66,867	123,227	75,677	53,622		319,393
31	Home Energy Comparison Report					1,107,809	-	-	-		1,107,809
32	Smart Saver® for Residential Customers					1,879,729	2,425,697	1,171,762	800,857		6,278,046
33	Low Income Energy Efficiency and Weatherization Assistance					-		-	48,123		48,123
34	Energy Efficiency Education Program for Schools					90,779	128,748	63,285			282,812
35	Residential Retrofit Pilot					-		-			-
36	Total Lost Revenues					$ 3,149,811	$ 2,696,665	$ 1,330,771	$ 917,571		$ 8,094,819

	Non-Residential	2009	2010	2011	1 Mth 2012	2012 (1/2 year)	2013	2014 (a)	2015 (1/2 year)	2016	Total
37	Smart Saver® for Non-Residential Customers Lighting					$ 446,682	$ 829,321	$ 584,756	$ 407,802		$ 2,268,561
38	Smart Saver® for Non-Residential Customers Motors					22,513	41,996	28,720	20,359		113,589
39	Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)					-	-	-	-		-
40	Smart Saver® for Non-Residential Customers - Energy Star Food Service Products					14,032	38,196	39,407	25,535		117,169
41	Smart Saver® for Non-Residential Customers - HVAC					15,621	29,072	19,768	13,642		78,102
42	Smart Saver® for Non-Residential Customers - Custom Rebate					318,310	394,311	145,355	109,018		966,994
43	Smart Energy Now					-		-			-
44	Total Lost Revenues					$ 817,159	$ 1,332,895	$ 818,006	$ 576,355		$ 3,544,414

	Vintage 4	2009	2010	2011	1 Mth 2012	2012	2013 (1/2 year)	2014	2015	2016 (1/2 year)	Total
	Residential										
45	Appliance Recycling						28,935	$ 66,892	$ 66,484	$ 36,739	$ 199,050
46	Residential Energy Assessments						65,095	129,542	128,746	61,467	384,850
47	Home Energy Comparison Report						1,905,348	-		-	1,905,348
48	Smart Saver® for Residential Customers						941,540	1,841,639	1,830,245	855,060	5,468,484
49	Low Income Energy Efficiency and Weatherization Assistance						11,188	29,010	28,833	17,343	86,373
50	Energy Efficiency Education Program for Schools						50,955	100,275	99,660	46,864	297,754
51	Total Lost Revenues						$ 3,003,060	$ 2,167,357	$ 2,153,969	$ 1,017,472	$ 8,341,859

	Non-Residential	2009	2010	2011	1 Mth 2012	2012	2013 (1/2 year)	2014	2015	2016 (1/2 year)	Total
52	Smart Saver® for Non-Residential Customers Lighting						236,106	$ 556,021	$ 535,240	$ 297,835	$ 1,625,201
53	Smart Saver® for Non-Residential Customers Motors						61,835	86,453	81,182	21,105	250,575
54	Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)						-		-	-	-
55	Smart Saver® for Non-Residential Customers - Energy Star Food Service Products						494	3,108	2,964	2,460	9,027
56	Smart Saver® for Non-Residential Customers - HVAC						10,456	28,631	28,026	17,115	84,227
57	Smart Saver® for Non-Residential Customers - Custom Rebate						340,592	702,178	672,204	331,977	2,046,951
58	Total Lost Revenues						$ 649,483	$ 1,376,391	$ 1,319,615	$ 670,492	$ 4,015,981

(a) Vintage 3, Year 3 (2014) Lost revenues were computed for July-December 2012 participants. Customers participating from January through June were included in the 7/1/11-6/30/12 test year for the rate case.

Duke Energy Carolinas
For the Period January 1, 2014 - December 31, 2016
Docket Number 2015-XXX-E
South Carolina Lost Revenues Vintage Year 2014-2016

	Year 2014	Participation 2014 (1/2 year)	2015	2016	Total
	Residential				
1	Appliance Recycling	$ 28,437	$ 162,397	$ -	$ 190,834
2	Energy Efficiency Education	46,142	111,026	130,148	287,316
3	Energy Efficient Applicances and Devices	1,216,915	509,393	2,519,871	4,246,179
4	HVAC Energy Efficiency	34,941	96,856	12,241	144,038
5	Income Qualified Energy Efficiency and Weatherization Assistance	32,030	202,586	60,058	294,674
6	Multi-Family Energy Efficiency	39,185	183,143	119,623	341,951
7	My Home Energy Report	1,815,978	-	-	1,815,978
8	Energy Assessments	112,072	90,955	-	203,027
9	Total Lost Revenues	$ 3,325,700	$ 1,356,356	$ 2,841,941	$ 7,523,997
10	Found Residential Revenue	-		-	-
11	Net Lost Residential Revenues	$ 3,325,700	$ 1,356,356	$ 2,841,941	$ 7,523,997
	Non-Residential	2014 (1/2 year)	2015	2016	Total
12	Non-Residential Custom Technical Assessments	$ 38,199	$ 142,601	$ 52,647	$ 233,447
13	Non-Residential Custom	281,232	638,087	534,015	1,453,334
14	Energy Management Information Systems		-	-	-
15	Non-Residential Smart Saver Energy Efficient Food Service Products	12,853	10,901	16,041	39,795
16	Non-Residential Customers Smart Saver® - Energy Efficient HVAC Products	15,753	58,832	35,896	110,481
17	Non-Residential Smart Saver® - Energy Efficient Lighting Products	458,929	686,837	840,397	1,986,163
18	Non-Residential Energy Efficient Pumps and Drives Products	12,399	52,965	32,229	97,593
19	Non-Residential Energy Efficient ITEE	232	28,739	930	29,901
20	Non-Residential Energy Efficient Process Equipment Products	411	870	1,447	2,728
21	Non-Ressdential Energy Saver	5,552		66,628	72,180
22	Non-Residential Smart Energy In Offices	575		3,570	4,145
23	Total Lost Revenues	$ 826,136	$ 1,619,832	$ 1,583,800	$ 3,953,443
24	Found Non-Residential Revenue	562	580	-	1,142
25	Net Non-Residential Revenue	$ 825,574	$ 1,619,252	$ 1,583,800	$ 3,952,301

	Year 2015	2014	2015 (1/2 year)	2016	Total
	Residential				
26	Appliance Recycling		$ 81,199	$ 106,645	$ 187,844
27	Energy Efficiency Education Program for Schools		55,514	113,455	168,969
28	Energy Efficient Applicances and Devices		282,933	917,755	1,200,688
29	HVAC Energy Efficiency		50,067	90,178	140,245
30	Income Qualified Energy Efficiency and Weatherization Assistance		94,198	94,480	188,678
31	Multi-Family Energy Efficiency		96,794	197,163	293,957
32	My Home Energy Report		2,430,622	-	2,430,622
33	Energy Assessments		45,477	135,512	180,989
34	Total Lost Revenues		$ 3,136,804	$ 1,655,188	$ 4,791,992
35	Found Residential Revenue		-	-	
36	Net Lost Residential Revenue		$ 3,136,804	$ 1,655,188	$ 4,791,992
	Non-Residential	2014	2015 (1/2 year)	2016	Total
37	Smart Saver® for Non-Residential Custom Assessments		$ 74,864	$ 96,861	$ 171,725
38	Smart Saver® for Non-Residential Custom Incentives		335,000	648,787	983,787
39	Smart Saver® for Non-Residential Energy Management Information Systems		-	-	-
40	Smart Saver® for Non-Residential Customers - Energy Efficient Food Service Products		6,856	13,000	19,856
41	Smart Saver® for Non-Residential Customers - HVAC		31,228	65,721	96,949
42	Smart Saver® for Non-Residential Customers - Energy Efficient Lighting Products		364,425	814,213	1,178,638
43	Smart Saver® for Non-Residential Customers - Pumps and Drives Products		27,807	61,639	89,446
44	Smart Saver® for Non-Residential Customers - Energy Efficient ITEE		22,085	33,790	55,875
45	Smart Saver® for Non-Residential Customers - Energy Efficient Process Equipment Products		454	1,063	1,517
46	Smart Saver® for Non-Residential Customers - Small Business Energy Saver			692,922	692,922
47	Smart Saver® for Non-Residential Customers - Smart Energy In Offices			370,969	370,969
46	Total Lost Revenues		$ 862,719	$ 2,798,965	$ 3,661,684
47	Found Non-Residential Revenue		-	-	-
48	Net Lost Residential Revenue		862,719	2,798,965	3,661,684

	Year 2016	2014	2015	2016 (1/2 year) (a)	Total
	Residential				
49	Appliance Recycling			$ 44,982	$ 44,982
50	Energy Efficiency Education Program for Schools			61,337	61,337
51	Energy Efficient Applicances and Devices			297,766	297,766
52	HVAC Energy Efficiency			30,178	30,178
53	Income Qualified Energy Efficiency and Weatherization Assistance			45,993	45,993
54	Multi-Family Energy Efficiency			80,867	80,867
55	My Home Energy Report			3,328,443	3,328,443
56	Energy Assessments			65,328	65,328
57	Total Lost Revenues			$ 3,954,894	$ 3,954,894
58	Found Residential Revenue			-	-
59	Net Lost Residential Revenue			$ 3,954,894	$ 3,954,894
	Non-Residential	2014	2015	2016 (1/2 year) (a)	Total
60	Smart Saver® for Non-Residential Custom Assessments			$ 89,710	$ 89,710
61	Smart Saver® for Non-Residential Custom Incentives			353,636	353,636
62	Smart Saver® for Non-Residential Energy Management Information Systems			-	-
63	Smart Saver® for Non-Residential Customers - Energy Efficient Food Service Products			12,889	12,889
64	Smart Saver® for Non-Residential Customers - HVAC			33,342	33,342
65	Smart Saver® for Non-Residential Customers - Energy Efficient Lighting Products			444,837	444,837
66	Smart Saver® for Non-Residential Customers - Pumps and Drives Products			55,858	55,858
67	Smart Saver® for Non-Residential Customers - Energy Efficient ITEE			27,936	27,936
68	Smart Saver® for Non-Residential Customers - Energy Efficient Process Equipment Products			652	652
69	Smart Saver® for Non-Residential Customers - Small Business Energy Saver			404,483	404,483
70	Smart Saver® for Non-Residential Customers - Smart Energy In Office			87,960	87,960
69	Total Lost Revenues			$ 1,511,303	$ 1,511,303
70	Found Non-Residential Revenue			-	-
71	Net Lost Residential Revenue			1,511,303	1,511,303

(a) Lost revenues were estimated by allocating estimated system lost revenues to SC retail. True-ups of estimated lost revenues are based on state specific amounts.

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2015
Docket Number 2015-XXX-E
DSM/EE Actual Revenues Collected from Riders 1-4 and Year 2014 (By Vintage)
and Estimated 2015 Collections from Rider 6 (By Vintage)

Line			Actual 2010 Rider 1	Actual 2011 Rider 2	Actual 2012 Rider 3	Actual 2013 Rider 4	Actual 2014 Rider 5	Actuals Total	Estimated 2015 Rider 6	Total Revenue Estimated Collected through 2015
	Residential									
1	EE and DSM	v1	$ 11,158,939	$ 2,523,002	$ 4,871,120	$ 1,110,255	$ 645,949	$ 20,309,265	$ 1,198,421	$ 21,507,686
2	EE and DSM	v2		15,053,260	4,244,985	4,366,041	(742,592)	22,921,695	(1,771,293)	21,150,402
3	EE and DSM	v3			7,036,063	2,848,385	10,809,706	20,694,154	(65,847)	20,628,306
4	EE and DSM	v4				7,573,414	1,249,822	8,823,237	7,434,162	16,257,398
	Non-Residential									
5	EE	v1	1,792,808	108,741	1,624,073	2,165,123	269,018	5,959,764	(107,374)	5,852,389
6	EE	v2		3,721,416	423,569	5,670,175	(181,858)	9,633,301	(960,155)	8,673,146
7	EE	v3			4,029,994	1,004,342	7,203,388	12,237,723	855,417	13,093,140
8	EE	v4				6,641,431	1,352,363	7,993,794	3,656,062	11,649,856
9	DSM	v1	2,979,777		1,050,109	77,223	-	4,107,109	23,086	4,130,195
10	DSM	v2		5,017,015		1,460,284		6,477,299	(1,454,470)	5,022,829
11	DSM	v3			4,752,177	-	1,154,978	5,907,155	179,097	6,086,252
12	DSM	v4				6,527,137		6,527,137	(38,871)	6,488,266
13	**Total SAW Programs**		**$ 15,931,524**	**$ 26,423,434**	**$ 28,032,089**	**$ 39,443,810**	**$ 21,760,775**	**$ 131,591,632**	**$ 8,948,235**	**$ 140,539,866**
	New Mechanism									
	Residential									
14	EE and DSM	2014					15,850,391		5,208,523	21,058,914
15	EE and DSM	2015							16,646,201	16,646,201
	Non-Residential									
16	EE	2014					4,914,295		2,128,421	7,042,716
17	EE	2015							5,435,542	5,435,542
18	DSM	2014					4,898,790		1,272,299	6,171,089
19	DSM	2015							5,387,546	5,387,546
19	**Total New Mechanism**		**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,663,476**	**$ -**	**$ 36,078,533**	**# $ 61,742,009**
20	**Total Revenue Collected**		**$ 15,931,524**	**$ 26,423,434**	**$ 28,032,089**	**$ 39,443,810**	**$ 47,424,252**	**$ 131,591,632**	**$ 45,026,767**	**# $ 202,281,876**

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2015
Docket Number 2015-xxx-E
Updated 2015 Estimated Revenues for final Save-a-watt true up

Residential Billing Factor for Rider 6

1	Rate for Vintage 1 True-Up	(WA of rate in Rider 6, Exhibit A)	0.0182
2	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 3	6,584,731,493
3	Estimated Revenue Vintage 1 True Up	(Line 1*Line 2)/100	**1,198,421**
4	Rate for Vintage 2 True-Up	(WA of rate in Rider 6, Exhibit A)	-0.0269
5	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 3	6,584,731,493
6	Estimated Revenue Vintage 2 True Up	(Line 4*Line 5)/100	**(1,771,293)**
7	Rate for Vintage 3 True-Up	(WA of rate in Rider 6, Exhibit A)	-0.0010
8	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 3	6,584,731,493
9	Estimated Revenue Vintage 3 True Up	(Line 7*Line 8)/100	**(65,847)**
10	Rate for Vintage 4 True-Up	(WA of rate in Rider 6, Exhibit A)	0.1129
11	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 3	6,584,731,493
12	Estimated Revenue Vintage 4 True Up	(Line 10*Line 11)/100	**7,434,162**
13	Rate for Year 2014 True-Up	(WA of rate in Rider 6, Exhibit A)	0.0791
14	Updated 2015 Forecast	R7 Exh 3 Page 2 Line 3	6,584,731,493
15	Estimated Revenue Year 2014 True Up	(Line 13*Line 14)/100	**5,208,523**
16	Rate for Year 2015 True-Up	(WA of rate in Rider 6, Exhibit A)	0.2528
17	Updated 2015 Forecast	R7 Exh 3 page 2 Line 3	6,584,731,493
18	Estimated Revenue Year 2015 True Up	(Line 16*Line 17)/100	**16,646,201**

Non-Residential Billing Factors for Rider 6

19	Rate for Vintage 1 True-up - Vintage 1 EE Participant	Exhibit A Rider 6		(0.0014)
20	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,669,598,983
21	*EE Estimated Revenue Vintage 1 True-up* ***Non-Residential Rider EE***	Line 19*line 20 / 100	$	**(107,374)**
22	Rate for Vintage 1 True-up - Vintage 1 DSM Participant	Exhibit A Rider 6		0.0003
23	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,695,395,372
24	*EE Estimated Revenue Vintage 1 True-up* ***Non-Residential Rider EE***	Line 22/line 23 * 100	$	**23,086**
25	Rate for Vintage 2 True-up - Vintage 2 EE Participant	Exhibit A Rider 6		(0.0118)
26	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		8,136,909,876
27	*EE Estimated Revenue Vintage 2 True-up* ***Non-Residential Rider EE***	Line 25/line 26 * 100	$	**(960,155)**
28	Rate for Vintage 2 True-up - Vintage 2 DSM Participant	Exhibit A Rider 6		(0.0189)
29	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,695,609,092
30	*DSM Estimated Revenue Vintage 2 True-up* ***Non-Residential Rider EE***	Line 28/line 29 * 100	$	**(1,454,470)**
31	Rate for Vintage 3 True-up - Vintage 3 EE Participant	Exhibit A Rider 6		0.0114
32	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,503,656,473
33	*EE Estimated Revenue Vintage 3 True-up* ***Non-Residential Rider EE***	Line 31/Line 32 * 100	$	**855,417**
34	Rate for Vintage 3 True-up - Vintage 3 DSM Participant	Exhibit A Rider 6		0.0023
35	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,786,828,273
36	*DSM Estimated Revenue Vintage 3 True-up* ***Non-Residential Rider EE***	Line 34/line 35 * 100	$	**179,097**
37	Rate for Vintage 4 True-up - Vintage 4 EE Participant	Exhibit A Rider 6		0.0490
38	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,461,351,183
39	*EE Estimated Revenue Vintage 4 True-up* ***Non-Residential Rider EE***	Line 37/Line 38 * 100	$	**3,656,062**
40	Rate for Vintage 4 True-up - Vintage 4 DSM Participant	Exhibit A Rider 6		(0.0005)
41	Updated 2015 Forecast	R7 Exh 3 Page 1 Line 39		7,774,109,273
42	*DSM Estimated Revenue Vintage 4 True-up* ***Non-Residential Rider EE***	Line 40/Line 41 * 100	$	**(38,871)**
43	Rate for Vintage Year 2014 EE Participant	Year 2014 Exhibit 1 Line 14		0.0354
44	Updated 2015 Forecast	R7 Exh 3 Page 2 Line 10		6,012,489,040
45	*EE Estimated Revenue Vintage Year 2014 True-up* ***Non-Residential Rider EE***	Line 39/Line 40 * 100	$	**2,128,421**
46	Rate for Vintage Year 2014 DSM	Year 2014 Exhibit 1 Line 20		0.0190
47	Updated 2015 Forecast	R7 Exh 3 Page 2 Line 10		6,696,311,881
48	*DSM Estimated Revenue Vintage Year 2014 True-up* ***Non-Residential Rider EE***	Line 42/Line 43 * 100	$	**1,272,299**
49	Rate for Vintage Year 2015 Prospective EE Participant	Year 2015 Exhibit 1, Pg. 2, Line 9		0.0904
50	Updated 2015 Forecast	R7 Exh 3 Page 2 Line 10		6,012,767,808
51	*EE Estimated Revenue Vintage Year 2015 True up* ***Non Residential Rider EE***	Line 45/Line 46 * 100	$	**5,435,542**
52	rate for Vintage Year 2015 Prospective DSM Participant	Year 2015 Exhibit 1, Pg. 2, Line 20		0.0809
53	Updated 2015 Forecast	R7 Exh 3 Page 2 Line 10		6,659,513,437
54	*DSM Estimated Revenue Vintage Year 2015 True up* ***Non Residential Rider EE***	Line 48/Line 49 * 100	$	**5,387,546**

Duke Energy Carolinas
For the Period January 1, 2015 - December 31, 2015
Docket Number 2015-XXX-E
Forecasted kWh Sales for Vintages 1-4

Fall 2014 Sales Forecast - kWhs

Adjusted SC Retail Sales Forecast (excludes Greenwood sales)

			2015 Sales	2016 Sales
1	Residential	Company Records	6,633,074,000	6,722,112,000
2	Factor to exclude Greenwood	see calc. at right	99.27119%	99.27119%
3	Residential sales excluding Greenwood	Line 1*Line 2	6,584,731,493	6,673,120,576
4	Non-Residential	Company Records	14,755,792,000	14,941,337,000
5	Factor to exclude Greenwood	see calc. at right	99.97531%	99.97531%
6	Non-Residential sales excluding Greenwood	Line 4*Line 5	14,752,148,795	14,937,647,984
7	Total Retail sales excluding Greenwood	Line 3 + Line 6	21,336,880,288	21,610,768,559

Factor to Exclude Greenwood Sales from Forecast:	2014 MWh Usage	Percent to Total
Total SC Residential Sales	6,632,866	
Greenwood Residential Sales	48,341	
SC Residential Sales excluding Greenwood	6,584,525	99.27119%
Total SC Non-Residential Sales	14,579,618	
Greenwood Non-Residential Sales	3,599	
SC Non-Residential Sales excluding Greenwood	14,576,019	99.97531%
Total SC Retail Sales	21,212,484	
Greenwood Retail Sales	51,940	
SC Retail Sales excluding Greenwood	21,160,544	

Opt Out Sales

		2014 kWh Usage
	Vintage 1 Opt Out	
8	EE	7,082,549,812
9	DSM	7,056,753,423
	Vintage 2 Opt Out	
10	EE	6,615,238,919
11	DSM	7,056,539,703
	Vintage 3 Opt Out	
12	EE	7,248,492,322
13	DSM	6,965,320,522
	Vintage 4 Opt Out	
14	EE	7,290,797,612
15	DSM	6,978,039,522

Non-Residential Forecast Sales Less Opt Out (to be used for 2016 Rider 7 rate components)

			V1 EE Rate Components	V1 DSM Rate Components	V2 EE Rate Components	V2 DSM Rate Components	V3 EE Rate Components	V3 DSM Rate Components	V4 EE Rate Components	V4 DSM Rate Components
16	Total Non-Residential	Line 6	14,937,647,984	14,937,647,984	14,937,647,984	14,937,647,984	14,937,647,984	14,937,647,984	14,937,647,984	14,937,647,984
17	Less V1 EE Opt Out	Line 8	7,082,549,812							
18	Less V1 DSM Opt Out	Line 9		7,056,753,423						
19	Less V2 EE Opt Out	Line 10			6,615,238,919					
20	Less V2 DSM Opt Out	Line 11				7,056,539,703				
21	Less V3 EE Opt Out	Line 12					7,248,492,322			
22	Less V3 DSM Opt Out	Line 13						6,965,320,522		
23	Less V4 EE Opt Out	Line 14							7,290,797,612	
24	Less V4 DSM Opt Out	Line 15								6,978,039,522
25	Sales for Rider Calculation	Line 18- (lines 19-28)	7,855,098,172	7,880,894,561	8,322,409,065	7,881,108,281	7,689,155,662	7,972,327,462	7,646,850,372	7,959,608,462

Non-Residential Forecast Sales Less Opt Out (to be used for updated 2015 forecast for final SAW true up)

			V1 EE Rate Components	V1 DSM Rate Components	V2 EE Rate Components	V2 DSM Rate Components	V3 EE Rate Components	V3 DSM Rate Components	V4 EE Rate Components	V4 DSM Rate Components
26	Total Non-Residential	Line 6	14,752,148,795	14,752,148,795	14,752,148,795	14,752,148,795	14,752,148,795	14,752,148,795	14,752,148,795	14,752,148,795
27	Less V1 EE Opt Out	Line 8	7,082,549,812							
28	Less V1 DSM Opt Out	Line 9		7,056,753,423						
29	Less V2 EE Opt Out	Line 10			6,615,238,919					
30	Less V2 DSM Opt Out	Line 11				7,056,539,703				
31	Less V3 EE Opt Out	Line 12					7,248,492,322			
32	Less V3 DSM Opt Out	Line 13						6,965,320,522		
33	Less V4 EE Opt Out	Line 14							7,290,797,612	
34	Less V4 DSM Opt Out	Line 15								6,978,039,522
35	Less Year 2014 EE Opt Out	Line 16								
36	Less Year 2014 DSM Opt Out	Line 17								
37	Sales for Rider Calculation	Line 18- (lines 19-28)	7,669,598,983	7,695,395,372	8,136,909,876	7,695,609,092	7,503,656,473	7,786,828,273	7,461,351,183	7,774,109,273

Duke Energy Carolinas
For the Period January 1, 2015 - December 31, 2015
Docket Number 2014-XXX-E
Forecasted kWh Sales for Years 2014-2016

Fall 2014 Sales Forecast - kWhs

Adjusted SC Retail Sales Forecast (excludes Greenwood sales)

			2015 Sales	2016 Sales
1	Residential	Company Records	6,633,074,000	6,722,112,000
2	Factor to exclude Greenwood	see calc. to right	99.27119%	99.27119%
3	Residential sales excluding Greenwood	Line 1*Line 2	6,584,731,493	6,673,120,576
4	Non-Residential (excluding lighting)	Company Records	14,527,295,735	14,712,840,735
5	Factor to exclude Greenwood	see calc. to right	99.97718%	99.97718%
6	Non-Residential sales excluding Greenwood	Line 4*Line 5	14,523,980,606	14,709,483,265
7	Total Retail sales excluding Greenwood	Line 3 + Line 6	21,108,712,099	21,382,603,840

Factor to Exclude Greenwood Sales from Forecast

	2014 MWh Usage	Percent to Total
Total SC Residential Sales	6,632,866	
Greenwood Residential Sales	48,341	
SC Residential Sales excluding Greenwood	6,584,525	99.27119%
Total SC Non-Residential Sales (excluding lighting)	14,305,672	
Greenwood Non-Residential Sales (exc. lighting)	3,264	
SC Non-Residential Sales excluding Greenwood	14,302,408	99.97718%
Total SC Retail Sales (excluding lighting)	20,938,538	
Greenwood Retail Sales (excluding lighting)	51,605	
SC Retail Sales excluding Greenwood (exc. lighting)	20,886,933	

Opt Out Sales

		2014 kWh Usage
	Year 2014	
8	EE	8,511,491,566
9	DSM	7,827,668,725
	Year 2015	
10	EE	8,511,212,798
11	DSM	7,864,467,169
	Year 2016	
12	EE	8,511,212,798
13	DSM	7,864,467,169

Non-Residential Forecast Sales Less Opt Out for use in Rider 7 Rate Estimates

			Year 2014 EE Rate Components	Year 2014 DSM Rate Components	Year 2015 EE Rate Components	Year 2015 DSM Rate Components	Year 2016 EE Rate Components	Year 2016 DSM Rate Components
14	Total Non-Residential	Line 6	14,709,483,265	14,709,483,265	14,709,483,265	14,709,483,265	14,709,483,265	14,709,483,265
15	Less Year 2014 EE Opt Out	Line 8	8,511,491,566					
16	Less Year 2014 DSM Opt Out	Line 9		7,827,668,725				
17	Less Year 2015 EE Opt Out	Line 10			8,511,212,798			
18	Less Year 2015 DSM Opt Out	Line 11				7,864,467,169		
19	Less Year 2016 EE Opt Out	Line 12					8,511,212,798	
20	Less Year 2016 DSM Opt Out	Line 13						7,864,467,169
21	Sales for Rider Calculation	Line 14- (lines 15-20)	6,197,991,699	6,881,814,540	6,198,270,467	6,845,016,096	6,198,270,467	6,845,016,096

Non-Residential Forecast Sales Less Opt Out - for use in calculating updating Rider 6 Revenue estimates

			Year 2014 EE Rate Components	Year 2014 DSM Rate Components	Year 2015 EE Rate Components	Year 2015 DSM Rate Components	Year 2016 EE Rate Components	Year 2016 DSM Rate Components
22	Total Non-Residential	Line 6	14,523,980,606	14,523,980,606	14,523,980,606	14,523,980,606	14,523,980,606	14,523,980,606
23	Less Year 2014 EE Opt Out	Line 8	8,511,491,566					
24	Less Year 2014 DSM Opt Out	Line 9		7,827,668,725				
25	Less Year 2015 EE Opt Out	Line 10			8,511,212,798			
26	Less Year 2015 DSM Opt Out	Line 11				7,864,467,169		
27	Less Year 2016 EE Opt Out	Line 12					8,511,212,798	
28	Less Year 2016 DSM Opt Out	Line 13						7,864,467,169
29	Sales for Rider Calculation	Line 22- (lines 23-28)	6,012,489,040	6,696,311,881	6,012,767,808	6,659,513,437	6,012,767,808	6,659,513,437

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2015
Docket Number 2015-XXX-E
Residential Interest Calculation True-up - Vintage 1 and Vintage 2

Residential

Vintage 1

		2010	2011	2012	2013	2014	2015	Total
1 Revenue Requirement	Vintage 1 Exhibit 1	$ 14,931,095	$ 4,729,684	$ 392,628	$ -	$ -		$ 20,053,407
2 Revenue Collections	Rider 7, Exhibit 2	11,158,939	2,523,002	4,871,120	1,110,255	645,949	1,198,421	21,507,686
3 (Over) / Under Collection	Line 1 - Line 2	3,772,157	2,206,682	(4,478,492)	(1,110,255)	(645,949)	(1,198,421)	(1,454,279)
4 Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	3,772,157	5,978,839	1,500,347	390,091	(255,858)	(1,454,279)	
5 Average Balance (Over)/Under Collection		1,886,078.25	4,875,498	3,739,593	945,219	67,117	(855,068)	
6 Monthly rate (WACC)	Line 13/12	0.006245	0.006245	0.005971	0.005898	0.005782	0.005782	
7 Number of Months		12	12	12	12	12	12	
8 Interest Due (Owed)	Line 5 * Line 6* Line 7	$ 141,343	$ 365,370	$ 267,949	$ 66,899	$ 4,657	$ (59,328)	$ 786,889
9 Interest Paid (Returned) in Prior Rider	Rider 6, Exhibit 4							1,165,624
10 Interest Due - Rider 7	Line 8 - Line 9							(378,735)
11 Gross Receipts Tax								1.004517
12 Interest Due - including GRT - Rider 7	Line 10 * Line 11							$ (380,445)
13 Weighted average cost of capital (WACC)		7.4938%	7.4938%	7.1650%	7.0777%	6.9384%	6.9384%	
		NOTE A	NOTE A	NOTE B	NOTE C	NOTE D	NOTE D	

NOTE A: Docket 2009-226-E
NOTE B: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE C: 8.5 Months of Docket 2011-271-E (7.1351%) -3.5 months of Docket 2013-59-E (6.9384%)
NOTE D: Docket 2013-59-E

Vintage 2

		2011	2012	2013	2014	2015	Total
14 Revenue Requirement	Vintage 2 Exhibit 1	$ 16,358,767	$ 4,523,822	$ 3,250,400			$ 24,132,989
15 Revenue Collections	Rider 7, Exhibit 2	$ 15,053,260	$ 4,244,985	$ 4,366,041	$ (742,592)	$ (1,771,293)	21,150,402
16 (Over) / Under Collection	Line 14 - Line 15	$ 1,305,507	$ 278,837	$ (1,115,641)	$ 742,592	$ 1,771,293	2,982,587
17 Cumulative (Over)/Under Collection	Line 16 + Prior Year Line 17	$ 1,305,507	$ 1,584,344	$ 468,703	$ 1,211,295	$ 2,982,587	
18 Average Balance (Over)/Under Collection		$ 652,754	$ 1,444,926	$ 1,026,524	$ 839,999	$ 2,096,941	
19 Monthly rate (WACC)	Line 26/12	0.006245	0.005971	0.005898	0.005782	0.005782	
20 Number of Months		12	12	12	12	12	
21 Interest Due (Owed)	Line 18 * Line 19 * Line 20	$ 48,917	$ 103,532	$ 72,653	$ 58,282	$ 145,494	$ 428,879
22 Interest Paid (Returned) in Prior Rider	Rider 6, Exhibit 4						(236,939)
23 Interest Due - Rider 7	Line 21 - Line 22						665,818
24 Gross Receipts Tax							1.004517
25 Interest Due - including GRT - Rider 7	Line 23 * Line 24						$ 668,825
26 Weighted average cost of capital (WACC)		7.4938%	7.4938%	7.1650%	7.0777%	6.9384%	6.9384%
		NOTE A	NOTE A	NOTE B	NOTE C	NOTE D	NOTE D

NOTE A: Docket 2009-226-E
NOTE B: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE C: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 months of Docket 2013-59-E
NOTE D: Docket 2013-59-E

Duke Energy Carolinas
For the Period January 2012 - December 31, 2015
Docket Number 2015-XXX-E
Residential Interest Calculation True-up - Vintage 3 and Vintage 4

Residential

Vintage 3

			2012	2013	2014	2015		Total
1	Revenue Requirement	Vintage 3 Exhibit 1	$ 14,620,234	$ 2,696,665	$ 1,330,771	$ 917,571		$ 19,565,242
2	Revenue Collections	Rider 7, Exhibit 2	7,036,063	2,848,385	10,809,706	(65,847)		20,628,306
3	(Over) / Under Collection	Line 1 - Line 2	7,584,172	(151,720)	(9,478,935)	983,418		(1,063,064)
4	Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	7,584,172	7,432,452	(2,046,483)	(1,063,064)		
5	Average Balance (Over)/Under Collection		3,792,086	7,508,312	2,692,985	(1,554,774)		
6	Monthly rate (WACC)	Line 13/12	0.005971	0.005898	0.005782	0.005782		
7	Number of Months		12	12	12	12		
8	Interest Due (Owed)	Line 5 * Line 6* Line 7	$ 271,711	$ 531,408	$ 186,850	$ (107,876)		$ 882,092
9	Interest Paid (Returned) in Prior Rider	Rider 6, Exhibit 4						1,049,090
10	Interest Due - Rider 7	Line 8 - Line 9						$ (166,997)
11	Gross Receipts Tax							1.004517
12	Interest Due - including GRT - Rider 7	Line 10 * Line 11						$ (167,752)
13	Weighted average cost of capital (WACC)		7.1650%	7.0777%	6.9384%	6.9384%		
			NOTE A	NOTE B	NOTE C	NOTE C		

NOTE A: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE B: 8.5 Months of Docket 2011-271-E (7.1351%) 3.5 months of 2013-59-E (6.9384%)
NOTE C: Docket 2013-59-E

Vintage 4

			2012	2013	2014	2015		Total
14	Revenue Requirement	Vintage 4 Exhibit 1		$ 12,523,834	$ 2,167,357	$ 2,153,969	Note D	$ 16,845,160
15	Revenue Collections	Rider 7, Exhibit 2		7,573,414	1,249,822	7,434,162		16,257,398
16	(Over) / Under Collection	Line 1 - Line 2		4,950,420	917,535	(5,280,193)		587,761
17	Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4		4,950,420	5,867,955	587,761		
18	Average Balance (Over)/Under Collection			2,475,210	5,409,187	3,227,858		
19	Monthly rate (WACC)	Line 26/12		0.005898	0.005782	0.005782		
20	Number of Months			12	12	12		
21	Interest Due (Owed)	Line 5 * Line 6* Line 7		$ 175,185	$ 375,311	$ 223,962		$ 774,458
22	Interest Paid (Returned) in Prior Rider	Rider 6, Exhibit 4						667,405
23	Interest Due - Rider 7	Line 8 - Line 9						$ 107,053
24	Gross Receipts Tax							1.004517
25	Interest Due - including GRT - Rider 7	Line 10 * Line 11						$ 107,536
26	Weighted average cost of capital (WACC)		7.1650%	7.0777%	6.9384%	6.9384%		
			NOTE A	NOTE B	NOTE C	NOTE C		

NOTE A: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE B: 8.5 of Docket 2011-271-E (7.1351%) - 3.5 months of Docket 2013-59-E (6.9384%)
NOTE C: Docket 2013-59-E
NOTE D: Year 4 Lost revenue estimates to be collected in 2016 are excluded from the revenue requirement to calculate interest.

Duke Energy Carolinas
For the Period January 2014 - December 31, 2015
Docket Number 2015-XXX-E
Residential Interest Calculation True-up - Year 2014

Residential

Year 2014

			2014	2015		Total
1	Revenue Requirement	Year 2014 Exhibit 1	$ 19,401,474			$ 19,401,474
2	Revenue Collections	Rider 7, Exhibit 2	15,850,391		Note B	15,850,391
3	(Over) / Under Collection	Line 1 - Line 2	3,551,082	-		3,551,082
4	Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	3,551,082	3,551,082		
5	Average Balance (Over)/Under Collection		1,775,541	3,551,082		
6	Monthly rate (WACC)	Line 13/12	0.005782	0.005782		
7	Number of Months		12	12		
8	Interest Due (Owed)	Line 5 * Line 6* Line 7	$ 123,194	$ 246,388		$ 369,582
9	Interest Paid (Returned) in Prior Rider	N/A				-
10	Interest Due - Rider 7	Line 8 - Line 9				$ 369,582
11	Gross Receipts Tax					1.004517
12	Interest Due - including GRT - Rider 7	Line 10 * Line 11				$ 371,252
13	Weighted average cost of capital (WACC)		6.9384%	6.9384%		
			NOTE A	NOTE A		

NOTE A: Docket 2013-59-E
NOTE B: Interest calculation does not include 2015 lost revenue estimate and estimated revenue collections. This will be trued up in Rider 8.

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2015
Docket Number 2014-XXX-E
Non-Residential Interest Calculation True-up - Vintage 1

Non-Residential

Vintage 1 - Energy Efficiency

			2010	2011	2012	2013	2014	2015	Total
1	Revenue Requirement	Vintage 1 Exhibit 1	$ 4,522,093	$ 1,125,207	$ 95,604	$ -	$ -	$ -	$ 5,742,904
2	Revenue Collections	Rider 7, Exhibit 2	1,792,808	108,741	1,624,073	2,165,123	269,018	(107,374)	5,852,389
3	(Over) / Under Collection	Line 1 - Line 2	2,729,285	1,016,466	(1,528,469)	(2,165,123)	(269,018)	107,374	(109,485)
4	Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	2,729,285	3,745,751	2,217,282	52,159	(216,860)	(109,485)	
5	Average Balance (Over)/Under Collection		1,364,643	3,237,518	2,981,516	1,134,720	(82,351)	(163,173)	
6	Monthly rate (WACC)	Line 13/12	0.006245	0.006245	0.005971	0.005898	0.005782	0.005782	
7	Number of Months		12	12	12	12	12	12	
8	Interest Due (Owed)	Line 5 * Line 6 * Line 7	$ 102,266	$ 242,620	$ 213,632	$ 80,311	$ (5,714)	$ (11,322)	621,793
9	Interest Paid (Returned) in prior rider	Rider 6, Exhibit 4							654,045
10	Interest Due - Rider 7	Line 8 - Line 9							$ (32,252)
11	Gross Receipts Tax								1.004517
12	Interest Due - including GRT - Rider 7	Line 10 * Line 11							$ (32,398)
13	Weighted average cost of capital (WACC)		7.4938%	7.4938%	7.1650%	7.0777%	6.9384%	6.9384%	
			NOTE A	NOTE A	NOTE B	NOTE C	NOTE D	NOTE D	

NOTE A: Docket 2009-226-E
NOTE B: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE C: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 Months of Docket 2013-59-E (6.9384%)
NOTE D: Docket 2013-59-E

Vintage 1 - DSM

			2010	2011	2012	2013	2014	2015	Total
14	Revenue Requirement	Vintage 1 Exhibit 1	$ 4,070,040						$ 4,070,040
15	Revenue Collections	Rider 7, Exhibit 2	2,979,777	-	1,050,109	77,223	-	23,086	4,130,195
16	(Over) / Under Collection	Line 14 - Line 15	1,090,263	-	(1,050,109)	(77,223)	-	(23,086)	(60,155)
17	Cumulative (Over)/Under Collection	Line 16 + Prior Year Line 17	1,090,263	1,090,263	40,153	(37,069)	(37,069)	(60,155)	
18	Average Balance (Over)/Under Collection		545,131	1,090,263	565,208	1,542	(37,069)	(48,612)	
19	Monthly rate (WACC)	Line 26/12	0.006245	0.006245	0.005971	0.005898	0.005898	0.005898	
20	Number of Months		12	12	12	12	12	12	
21	Interest Due (Owed)	Line 18 * Line 19 * Line 20	$ 40,852	$ 81,704	$ 40,498	$ 109	$ (2,624)	$ (3,441)	157,100
22	Interest Paid (Returned) in prior rider	Rider 6, Exhibit 4							175,828
23	Interest Due - Rider 7	Line 21 - Line 22							$ (18,728)
24	Gross Receipts Tax								1.004517
25	Interest Due - including GRT - Rider 7	Line 23 * Line 24							$ (18,813)
26	Weighted average cost of capital (WACC)		7.4938%	7.4938%	7.1650%	7.0777%	6.9384%	6.9384%	
			NOTE A	NOTE A	NOTE B	NOTE C	NOTE D	NOTE D	

NOTE A: Docket 2009-226-E
NOTE B: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE C: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 months of Docket 2013-59-E
NOTE D: Docket 2013-59-E

Duke Energy Carolinas
For the Period January 2011 - December 31, 2015
Docket Number 2014-XXX-E
Non-Residential Interest Calculation True-up - Vintage 2

Non-Residential

Vintage 2 - Energy Efficiency		2010	2011	2012	2013	2014	2015	Total
1 Revenue Requirement	Vintage 2 Exhibit 1		$ 8,470,096	$ 1,186,419	$ 834,013			$ 10,490,527
2 Revenue Collections	Rider 7, Exhibit 2		3,721,416	423,569	5,670,175	(181,858)	(960,155)	8,673,146
3 (Over) / Under Collection	Line 1 - Line 1		4,748,680	762,850	(4,836,162)	181,858	960,155	1,817,381
4 Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4		4,748,680	5,511,530	675,368	857,226	1,817,381	
5 Average Balance (Over)/Under Collection			2,374,340	5,130,105	3,093,449	766,297	1,337,304	
6 Monthly rate (WACC)	Line 13/12		0.006245	0.005971	0.005898	0.005782	0.005782	
7 Number of Months			12	12	12	12	13	
8 Interest Due (Owed)	Line 5 * Line 6 * Line 7		$ 177,933	$ 367,582	$ 218,942	$ 53,169	$ 100,520	918,146
9 Interest Paid (Returned) in prior rider	Rider 6, Exhibit 4							422,244
10 Interest Due - Rider 7	Line 8 - Line 9							$ 495,901
11 Gross Receipts Tax								1.004517
12 Interest Due - including GRT - Rider 7	Line 10 * Line 11							$ 498,141
13 Weighted average cost of capital (WACC)		7.4938% NOTE A	7.4938% NOTE A	7.1650% NOTE B	7.0777% NOTE C	6.9384% NOTE D	6.9384% NOTE D	

NOTE A: Docket 2009-226-E
NOTE B: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE C: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 months of Docket 2013-59-E
NOTE D: Docket 2013-59-E

Vintage 2 - DSM		2010	2011	2012	2013	2014	2015	Total
14 Revenue Requirement	Vintage 2 Exhibit 1		$ 5,317,493					$ 5,317,493
15 Revenue Collections	Rider 7, Exhibit 2		5,017,015	$ -	$ 1,460,284	$ -	$ (1,454,470)	5,022,829
16 (Over) / Under Collection	Line 14 - Line 15		300,478	-	(1,460,284)	-	1,454,470	294,664
17 Cumulative (Over)/Under Collection	Line 16 + Prior Year Line 17		300,478	300,478	(1,159,806)	(1,159,806)	294,664	
18 Average Balance (Over)/Under Collection			150,239	300,478	(429,664)	(1,159,806)	(432,571)	
19 Monthly rate (WACC)	Line 26/12		0.006245	0.005971	0.005898	0.005782	0.005782	
20 Number of Months			12	12	12	12	12	
21 Interest Due (Owed)	Line 18 * Line 19 * Line 20		$ 11,259	$ 21,530	$ (30,410)	$ (80,472)	$ (30,014)	(108,107)
22 Interest Paid (Returned) in prior rider	Rider 6, Exhibit 4							(147,301)
23 Interest Due - Rider 7	Line 21 - Line 22							$ 39,195
24 Gross Receipts Tax								1.004517
25 Interest Due - including GRT - Rider 7	Line 23 * Line 24							$ 39,372
26 Weighted average cost of capital (WACC)		7.4938% NOTE A	7.4938% NOTE A	7.1650% NOTE B	7.0777% NOTE C	6.9384% NOTE D	6.9384% NOTE D	

NOTE A: Docket 2009-226-E
NOTE B: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE C: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 months of Docket 2013-59-E
NOTE D: Docket 2013-59-E

Duke Energy Carolinas
For the Period January 2012 - December 31, 2015
Docket Number 2014-XXX-E
Non-Residential Interest Calculation True-up - Vintage 3

Non-Residential

Vintage 3 - Energy Efficiency		2012	2013	2014	2015	Total
1 Revenue Requirement	Vintage 3 Exhibit 1	$ 11,090,647	$ 1,332,895	$ 818,006	$ 576,355	$ 13,817,903
2 Revenue Collections	Rider 7, Exhibit 2	4,029,994	1,004,342	7,203,388	855,417	13,093,140
3 (Over) / Under Collection	Line 1 - Line 2	7,060,654	328,554	(6,385,382)	(279,062)	724,763
4 Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	7,060,654	7,389,207	1,003,826	724,763	
5 Average Balance (Over)/Under Collection		3,530,327	7,224,931	4,196,516	864,294	
6 Monthly rate (WACC)	Line 13/12	0.5971%	0.5898%	0.5782%	0.5782%	
7 Number of Months		12	12	12	12	
8 Interest Due (Owed)	Line 5 * Line 6 * Line 7	$ 252,955	$ 511,352	$ 291,171	$ 59,968	1,115,446
9 Interest Paid (Returned) in prior rider	Rider 6, Exhibit 4					1,119,937
10 Interest Due - Rider 7	Line 8 - Line 9					$ (4,491)
11 Gross Receipts Tax						1.004517
12 Interest Due - including GRT - Rider 7	Line 10 * Line 11					$ (4,511)
13 Weighted average cost of capital (WACC)		7.1650%	7.0777%	6.9384%	6.9384%	
		NOTE A	NOTE B	NOTE C	NOTE C	

NOTE A: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE B: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 Months of Docket 2013-59-E
NOTE C: Docket 2013-59-E
NOTE D: Collections for 2015 are an estimate equal to the revenue requirement in Docket 2014-334-E.

Vintage 3 - DSM		2012	2013	2014	2015	Total
14 Revenue Requirement	Vintage 3 Exhibit 1	5,680,800	-			$ 5,680,800
15 Revenue Collections	Rider 7, Exhibit 2	4,752,177	-	1,154,978	179,097	6,086,252
16 (Over) / Under Collection	Line 14 - Line 15	928,623	-	(1,154,978)	(179,097)	(405,452)
17 Cumulative (Over)/Under Collection	Line 16 + Prior Year Line 17	928,623	928,623	(226,355)	(405,452)	
18 Average Balance (Over)/Under Collection		464,312	928,623	351,134	(315,903)	
19 Monthly rate (WACC)	Line 26/12	0.5971%	0.5898%	0.5782%	0.5782%	
20 Number of Months		12	12	12	12	
21 Interest Due (Owed)	Line 18 * Line 19 * Line 20	$ 33,269	$ 65,724	$ 24,363	$ (21,919)	101,438
22 Interest Paid (Returned) in Prior Rider	Rider 6, Exhibit 4					149,985
23 Interest Due - Rider 7	Line 21 - Line 22					$ (48,548)
24 Gross Receipts Tax						1.004517
25 Interest Due - including GRT - Rider 7	Line 23 * Line 24					$ (48,767)
26 Weighted average cost of capital (WACC)		7.1650%	7.0777%	6.9384%	6.9384%	
		NOTE A	NOTE B	NOTE C	NOTE C	

NOTE A: Wtd. Avg. 1 month Docket 2009-226-E and 11 months Docket 2011-271-E (7.1351%)
NOTE B: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 Months of Docket 2013-59-E
NOTE C: Docket 2013-59-E

Duke Energy Carolinas
For the Period January 2013 - December 31, 2015
Docket Number 2015-XXX-E
Non-Residential Interest Calculation True-up - Vintage 4

Non-Residential

Vintage 4 - Energy Efficiency		2013	2014	2015		Total
1 Revenue Requirement	Vintage 4 Exhibit 1	$ 9,960,066	$ 1,376,391	$ 1,319,615		$ 12,656,072
2 Revenue Collections	Rider 7, Exhibit 2	6,641,431	1,352,363	3,656,062	NOTE C	11,649,856
3 (Over) / Under Collection	Line 1 - Line 2	3,318,636	24,028	(2,336,447)		1,006,216
4 Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	3,318,636	3,342,663	1,006,216		
5 Average Balance (Over)/Under Collection		1,659,318	3,330,649	2,174,440		
6 Monthly rate (WACC)	Line 13/12	0.5898%	0.5782%	0.5782%		
7 Number of Months		12	12	12		
8 Interest Due (Owed)	Line 5 * Line 6 * Line 7	$ 117,440	$ 231,094	$ 150,871		$ 499,405
9 Interest Paid (Returned) in prior rider	Rider 6, Exhibit 4					441,240
10 Interest Due - Rider 7	Line 8 - Line 9					$ 58,165
11 Gross Receipts Tax						1.004517
12 Interest Due - including GRT - Rider 7	Line 10 * Line 11					$ 58,428
13 Weighted average cost of capital (WACC)		7.0777%	6.9384%	6.9384%		
		NOTE A	NOTE B	NOTE B		

NOTE A: 8.5 Months of DOCKET 2011-271-E (7.1351%) - 3.5 Months of Docket 2013-59-E (6.9384%)
NOTE B: Docket 2013-59-E (6.9384%)
NOTE C: Year 4 Lost revenue estimates to be collected in 2016 are excluded from the revenue requirement to calculate interest.

Vintage 4 - DSM		2013	2014	2015		Total
14 Revenue Requirement	Vintage 4 Exhibit 1	$ 6,406,572	$ -			$ 6,406,572
15 Revenue Collections	Rider 6, Exhibit 2	6,488,266	-			6,488,266
16 (Over) / Under Collection	Line 14 - Line 15	(81,694)	-	-		(81,694)
17 Cumulative (Over)/Under Collection	Line 16 + Prior Year Line 17	(81,694)	(81,694)	(81,694)		
18 Average Balance (Over)/Under Collection		(40,847)	(81,694)	(81,694)		
19 Monthly rate (WACC)	Line 26/12	0.5898%	0.5782%	0.5782%		
20 Number of Months		12	12	12		
21 Interest Due (Owed)	Line 18 * Line 19 * Line 20	$ (2,891)	$ (5,668)	$ (5,668)		(14,228)
22 Interest Paid (Returned) in Prior Rider	Rider 6, Exhibit 4					(4,275)
23 Interest Due - Rider 7	Line 21 - Line 22					$ (9,953)
24 Gross Receipts Tax						1.004517
25 Interest Due - including GRT - Rider 7	Line 23 * Line 24					$ (9,997)
26 Weighted average cost of capital (WACC)		7.0777%	6.9384%	6.9384%		
		NOTE A	NOTE B	NOTE B		

NOTE A: 8.5 Months of Docket 2011-271-E (7.1351%) - 3.5 months of Docket 2013-59-E
NOTE B: Docket 2013-59-E

Duke Energy Carolinas
For the Period January 2014 - December 31, 2015
Docket Number 2014-XXX-E
Non-Residential Interest Calculation True-up - Year 2014

Non-Residential

Year 2014 - Energy Efficiency

			2014	2015		Total
1	Revenue Requirement	Year 2014 Exhibit 1	$ 8,965,088			$ 8,965,088
2	Revenue Collections	Rider 7, Exhibit 2	4,914,295		NOTE B	4,914,295
3	(Over) / Under Collection	Line 1 - Line 2	4,050,793	-		4,050,793
4	Cumulative (Over)/Under Collection	Line 3 + Prior Year Line 4	4,050,793	4,050,793		
5	Average Balance (Over)/Under Collection		2,025,397	4,050,793		
6	Monthly rate (WACC)	Line 13/12	0.5782%	0.5782%		
7	Number of Months		12	12		
8	Interest Due (Owed)	Line 5 * Line 6 * Line 7	$ 140,530	$ 281,060		$ 421,590
9	Interest Paid (Returned) in prior rider	N/A				-
10	Interest Due - Rider 7	Line 8 - Line 9				$ 421,590
11	Gross Receipts Tax					1.004517
12	Interest Due - including GRT - Rider 7	Line 10 * Line 11				$ 423,495
13	Weighted average cost of capital (WACC)		6.9384%	6.9384%		
			NOTE A	NOTE A		

NOTE A: Docket 2013-59-E
NOTE B: No lost revenues from Year 2 or associated revenue collections in 2015 have been included in the interest calculation as that will be trued up in Rider 8.

Year 2014 - DSM

			2014	2015		Total
14	Revenue Requirement	Year 2014, Exhibit 1	$ 6,605,950	$ -		$ 6,605,950
15	Revenue Collections	Rider 7, Exhibit 2	4,898,790	1,272,299	NOTE B	6,171,089
16	(Over) / Under Collection	Line 14 - Line 15	1,707,160	-		434,861
17	Cumulative (Over)/Under Collection	Line 16 + Prior Year Line 17	1,707,160	1,707,160		
18	Average Balance (Over)/Under Collection		853,580	1,707,160		
19	Monthly rate (WACC)	Line 26/12	0.5782%	0.5782%		
20	Number of Months		12	12		
21	Interest Due (Owed)	Line 18 * Line 19 * Line 20	$ 59,225	$ 118,450		177,674
22	Interest Paid (Returned) in Prior Rider	N/A				-
23	Interest Due - Rider 7	Line 21 - Line 22				$ 177,674
24	Gross Receipts Tax					1.004517
25	Interest Due - including GRT - Rider 7	Line 23 * Line 24				$ 178,477
26	Weighted average cost of capital (WACC)		6.9384%	6.9384%		
			NOTE A	NOTE A		

NOTE A: Docket 2013-59-E
NOTE B: estimated 2015 revenue was included as a true-up occurred for 2014 in Rider 6 as well.

Duke Energy Carolinas

Docket Number 2015-XXX-E

DSM/EE Earnings Cap Calculation for the Period February 1, 2010 to December 31, 2013

Line				Vintage 1	Vintage 2	Vintage 3	Vintage 4	Total
				a	b	c	d	e = sum(a-d)
	Total for EE		55%					
1	AC Revenues-55%	Current Year Exhibit 2 per Vintage		$ 17,931,522	$ 21,625,014	$ 22,090,484	$ 18,653,326	$ 80,300,347
2	Program Costs	R7 Exhibit 7 Line 29		$ 10,515,328	$ 12,039,973	$ 13,688,335	$ 13,227,720	$ 49,471,356
3	Income Before Taxes	Line 1 - Line 2		$ 7,416,194	$ 9,585,042	$ 8,402,149	$ 5,425,607	$ 30,828,991
4	Income Tax Rate			0.391760	0.391713	0.391373	0.391373	
5	Income Taxes	Line 3 * Line 4		$ 2,905,368	$ 3,754,585	$ 3,288,374	$ 2,123,436	$ 12,071,764
6	Net Income	Line 3 - Line 5		$ 4,510,826	$ 5,830,456	$ 5,113,774	$ 3,302,171	$ 18,757,227
	Total for DSM Programs		75%					
7	AC Revenues-75%	Current Year Exhibit 2 per Vintage		$ 6,285,147	$ 8,472,660	$ 10,266,263	$ 11,443,606	$ 36,467,676
8	Program Costs	R7 Exhibit 7 Line 32		$ 4,287,307	$ 7,200,314	$ 7,041,719	$ 6,858,468	$ 25,387,809
9	Income Before Taxes	Line 7 - Line 8		$ 1,997,840	$ 1,272,346	$ 3,224,544	$ 4,585,138	$ 11,079,867
10	Income Tax Rate			0.391760	0.391713	0.391373	0.391373	
11	Income Taxes	Line 9 * Line 10		$ 782,674	$ 498,394	$ 1,262,000	$ 1,794,499	$ 4,337,567
12	Net Income	Line 9 - Line 11		$ 1,215,166	$ 773,951	$ 1,962,545	$ 2,790,639	$ 6,742,301
	Total for SAW Programs Adjusted for DSM Cap							
13	AC Revenues	Line 1 + Line 7		$ 24,216,669	$ 30,097,674	$ 32,356,747	$ 30,096,932	$ 116,768,023
14	Program Costs	Line 2 + Line 8		$ 14,802,636	$ 19,240,287	$ 20,730,054	$ 20,086,188	$ 74,859,165
15	Income Before Taxes	Line 13 - Line 14		$ 9,414,034	$ 10,857,387	$ 11,626,693	$ 10,010,745	$ 41,908,858
16	Income Tax Rate			0.391760	0.391713	0.391373	0.391373	0.391548
17	Income Taxes	Line 15 * Line 16		$ 3,688,042	$ 4,252,980	$ 4,550,374	$ 3,917,935	$ 16,409,330
18	Net Income	Line 15 - Line 17		$ 5,725,992	$ 6,604,408	$ 7,076,319	$ 6,092,809	$ 25,499,528
19	Allowed After-tax Return on Program Cost Investment	Line 14 * 15%						$ 11,228,875
20	Allowed Pre-tax Return on Program Cost Investment	Line 19 /(1-Line 16)						$ 18,454,825
21	Avoided Cost Revenues for the SAW program	Line 13						$ 116,768,023
22	Total Program Cost Investment + Allowed Pre-tax Return	Line 14 + Line 20						$ 93,313,989
23	Excess Pre-tax Return = Cap Adjustment	Line 21 - Line 22						$ 23,454,034
24	Total Avoided Costs Allowed to Collect	Minimum of Line 21 and Line 22						$ 93,313,989
25	Avoided Cost Revenue Collected (R1-5 actuals and R6 estimates)-before GRT	R7 Exh 6 / (1.004517)						$ 85,765,059
26	Amount to be collected (returned) from (to) Customers	Line 24 - Line 25						**$ 7,548,930**
	Allocation of Cap Adjustment (Line 23) to Residential/Non-Residential and Vintage							
27	Residential Avoided Cost Revenue Collections-Before GRT	R7 Exh 6/1.004517		$ 12,583,867	$ 9,272,023	$ 11,010,162	$ 9,971,568	$ 42,837,620
28	Non-Residential EE Avoided Cost Revenue Collections-Before GRT	R7 Exh 6/1.004517		$ 3,675,516	$ 3,629,686	$ 9,518,895	$ 9,385,307	$ 26,209,405
29	Non-Residential DSM Avoided Cost Revenue Collections-Before GRT	R7 Exh 6/1.004517		$ 2,756,665	$ 3,737,570	$ 4,828,298	$ 5,395,500	$ 16,718,034
30	Total Revenue Collections			$ 19,016,047	$ 16,639,280	$ 25,357,356	$ 24,752,376	$ 85,765,059
	Relative Percentage:							
31	Residential Avoided Cost Revenue	Line 27 / Line 30		66%	56%	43%	40%	50%
32	Non-Residential EE Avoided Cost Revenue	Line 28 / Line 30		19%	22%	38%	38%	31%
33	Non-Residential DSM Avoided Cost Revenue	Line 29 / Line 30		14%	22%	19%	22%	19%
34	Total Revenue	Line 30 Vintage Total / Line 30 Total Rev Collections		22%	19%	30%	29%	100%
	Cap Adjustment Allocation:							
35	Residential	Line 31 * Line 38 Total		$ 3,441,290	$ 2,535,605	$ 3,010,931	$ 2,726,909	$ 11,714,736
36	Non-Residential EE	Line 32 * Line 38 Total		$ 1,005,137	$ 992,605	$ 2,603,117	$ 2,566,585	$ 7,167,444
37	Non-Residential DSM	Line 33 * Line 38 Total		$ 753,861	$ 1,022,107	$ 1,320,387	$ 1,475,499	$ 4,571,854
38	Total Cap Adjustment	Line 34 * Line 23		$ 5,200,288	$ 4,550,317	$ 6,934,436	$ 6,768,993	$ 23,454,034

Duke Energy Carolinas

DSM/EE Revenues Collected from Riders 1-6 (By Vintage)

Docket Number 2015-XXX-E

Revenue by Type for Riders 1-5 Actuals and Rider 6 Estimates for SAW Programs

Line		Vintage	Actual 2010 Rider 1	Actual 2011 Rider 2	Actual 2012 Rider 3	Actual 2013 Rider 4	Actual 2014 Rider 5	Estimated 2015 Rider 6	Total
	Residential								
1	EE/DSM-Avoided Costs	v1	$ 7,270,663		$ 5,168,695	$ (1,211,987)	$ 668,581	$ 744,756	12,640,708
2		v2		10,543,085		5,554,885	(1,695,463)	(5,088,603)	9,313,905
3		v3			4,882,698		6,315,137	(137,940)	11,059,895
4		v4				6,361,710		3,654,899	10,016,610
5	Lost Revenue	v1	2,899,580	2,523,002	(298,327)	1,680,868	(57,602)	31,563	6,779,085
6		v2		3,696,493	4,244,985	(1,738,024)	1,428,284	3,672,023	11,303,761
7		v3			1,394,249	2,848,385	3,519,664	(53,780)	7,708,518
8		v4				444,378	1,249,822	3,139,392	4,833,591
9	Existing DSM Programs	v1	988,696		752	(67,623)	92	(1,730)	920,187
10		v2		813,681		(32,202)	(9,299)	1,186	773,367
11		v3			759,115		48,149	(1,192)	806,073
12		v4				767,326		(30,549)	736,777
13	Interest	v1				708,997	34,878	423,832	1,167,707
14		v2				581,382	(466,114)	(355,899)	(240,631)
15		v3					926,756	127,065	1,053,821
16		v4						670,420	670,420
17	**Total Residential**		$ 11,158,939	$ 17,576,262	$ 16,152,168	$ 15,898,096	$ 11,962,886	$ 6,795,443	$ 79,543,793
	Non-Residential								
18	EE Avoided Costs	v1	$ 1,533,422		$ 1,445,554	$ 533,619	$ 255,360	$ (75,837)	3,692,118
19		v2		3,554,626		4,478,816	327,070	(4,714,431)	3,646,082
20		v3			3,819,534		5,391,127	351,232	9,561,892
21		v4				6,171,860		3,255,840	9,427,701
22	DSM Avoided Costs	v1	2,026,651		768,223	(36,204)		10,446	2,769,117
23		v2		3,939,399		1,130,306		(1,315,252)	3,754,453
24		v3			3,647,955		1,173,719	28,434	4,850,108
25		v4				5,441,706		(21,834)	5,419,872
26	Lost Revenue	v1	259,386	108,741	178,519	1,019,696	(5,361)	(54,946)	1,506,035
27		v2		166,790	423,569	387,277	(308,630)	3,937,537	4,606,542
28		v3			210,459	1,004,342	1,055,764	397,749	2,668,314
29		v4				469,570	1,352,363	(43,011)	1,778,922
30	DSM Existing Programs	v1	953,126		281,886	(51,178)		2,906	1,186,741
31		v2		1,077,616		109,839		8,749	1,196,204
32		v3			1,104,222		(18,741)	(0)	1,085,481
33		v4				1,085,431		(12,742)	1,072,689
34	Interest	v1				776,412	19,020	33,142	828,574
35		v2				1,024,221	(200,298)	(331,229)	492,694
36		v3					756,497	257,099	1,013,596
37		v4						438,939	438,939
38	**Total Non-Residential**		$ 4,772,585	$ 8,847,172	$ 11,879,922	$ 23,545,714	$ 9,797,889	$ 2,152,792	$ 60,996,074
39	**Total Revenue**		$ 15,931,524	$ 26,423,434	$ 28,032,090	$ 39,443,810	$ 21,760,775	$ 8,948,235	$ 140,539,867

Duke Energy Carolinas
For the Period February 1, 2010 - December 31, 2013
Docket Number 2015-XXX-E
Actual Program Costs for SAW programs

Line	SAW PROGRAMS	Carolinas System Costs - 12 Months Ended 12/31/2010	Carolinas System Costs - 12 Months Ended 12/31/2011	Carolinas System Costs - 12 Months Ended 12/31/2012	Carolinas System - 12 Months Ended 12/31/2013	
1	Residential Energy Assessments	$ 2,627,616	$ 2,680,325	$ 2,809,237	$ 2,714,092	
2	Residential Home Retrofit	-	119,334	153,225	5,803	
3	Residential Neighborhood Program	-	-	110,145	601,605	
4	Home Energy Comparison Report	18,345	714,262	3,012,165	7,455,713	
5	Residential Smart Saver	25,826,746	23,107,429	19,517,575	14,369,035	
6	Appliance Recycle Program	-	-	301,456	1,811,749	
7	Low Income Services	417,693	1,302	20,194	9,831	
8	Energy Efficiency Education	2,157,782	795,083	2,896,013	2,034,469	
9	Nonresidential Energy Assessments	1,046,412	2,530,485	1,454,057	750,507	
10	Nonresidential Smart Energy Now	-	2,078,784	1,036,352	1,479,940	1
11	Nonresidential Smart Saver	6,547,426	12,199,001	18,991,763	17,635,535	
12	Power Manager	9,400,010	14,455,621	12,553,832	12,741,161	
13	Power Share	7,664,654	13,835,169	15,393,710	15,034,058	2
14	**Total Energy Efficiency & Demand Side Program Costs**	**$ 55,706,684**	**$ 72,516,795**	**$ 78,249,724**	**$ 76,643,499**	
15	SC Allocation Factor for EE programs	27.2121600%	27.2237400%	27.2122100%	27.0681100%	
16	SC Allocation Factor for DSM programs-Residential	10.7789000%	10.0549189%	10.7248003%	10.0464494%	
17	SC Allocation Factor for DSM programs-Non-Residential	14.3449900%	15.3961711%	14.4713997%	14.6463106%	

		SC Allocated Costs - 12 Months Ended 12/31/2010	SC Allocated Costs - 12 Months Ended 12/31/2011	SC Allocated Costs - 12 Months Ended 12/31/2012	SC Allocated - 12 Months Ended 12/31/2013
18	Residential Energy Assessments	$ 715,031	$ 729,685	$ 764,455	$ 734,653
19	Residential Home Retrofit	-	32,487	41,696	1,571
20	Residential Neighborhood Program	-	-	29,973	162,843
21	Home Energy Comparison Report	4,992	194,449	819,677	2,018,120
22	Residential Smart Saver	7,028,015	6,290,706	5,311,163	3,889,426
23	Appliance Recycle Program	-	-	82,033	490,406
24	Low Income Services	113,663	354	5,495	2,661
25	Energy Efficiency Education	587,179	216,451	788,069	550,692
26	Nonresidential Energy Assessments	284,751	688,893	395,681	203,148
27	Nonresidential Smart Energy Now	-	565,923	282,014	400,592
28	Nonresidential Smart Saver	1,781,696	3,321,024	5,168,078	4,773,606
29	Total SAW EE Programs	10,515,328	12,039,973	13,688,335	13,227,720
30	Power Manager	1,839,383	2,844,616	2,997,318	2,790,423
31	Power Share	2,447,924	4,355,698	4,044,401	4,068,045
32	Total DSM Programs	4,287,307	7,200,314	7,041,719	6,858,468
33	**Total Energy Efficiency & Demand Side Program Costs**	**$ 14,802,636**	**$ 19,240,287**	**$ 20,730,054**	**$ 20,086,188**

1 Please note that Non-residential Smart Energy Now Year 2013 program costs were updated to reflect an additional $154,464.36. This represents the January and February 2014 participation in the pilot program that was approved. Since the pilot program ended as of February 2014, all program costs associated with the pilot are included as part of the final SAW true-up.

2 In addition, DSM Power Share values were adjusted to remove 3 Duke Energy facilities earning incentives.